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SEED ANNUAL

BUCKEYE STATE

TOMATO

TO TUMBUS. OHIO



→ Livingston's True Blue Seeds. -

Please WRITE YOUR ADDRESS PLAINLY and in full in the blanks below; also, keep your order separate from oth about. This enables us to fill the order more rapidly and correctly, and your inquiries will not be so apt to be everlooked. Post-Office County State ORDER SHEET FOR

While we exercise the greatest care to have all Seeds pure and reliable, we do not give any warranty, expressed or implied. purchaser does not accept the Seeds, &c., on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded. AMOUNT ENCLOSED. MONEY ORDER, POSTAL NOTE N. Y. DRAFT STAMPS, CASH, P. 0. Box CIVINGSTON'S COLUMBUS, OHIO, U. S. A. FORWARD TO

Give the name of your nearest Express Office; also, state	Give the name of your nearest Express Office; also, state if it would be convenient to receive the Seeds by Express.
Your Express Office	Name of Express Company
Name of Railroad	Date of this Order 1893
Extra ORDER SHEETS and Return ENVELOPES sent on application.	Do you grow for market or home use?
Buckele Charte Dunnic Onnace Darkete	NAMESON SEPTION AND WASHINGTON

PRICE.	DOLLARS. CENTS.					
NAMES OF SEEDS, &c. WANTED.						
Packets		 ,			 	
arts. Pints. Pounds. Ounces.						
Pints						
44						

Livingston's True Blue Seeds.

N preparing this Columbian Edition of our Seed Annual it has been our aim to make it A Reliable Guide to those wishing a supply of Vegetable, Flower and other Seeds, Bulbs, Plants, Tools, etc. We have endeavored to avoid misleading descriptions and exaggerations about the various varieties offered, and to show how easy a supply of TRUE BLUE SEEDS can be selected and obtained, even by new beginners, as well as how to plant and how to grow them so that rejoicing may be expected and is assured at harvest time. By faithfully carrying out such methods as always supplying the best of its kind, promptly filling orders exactly as ordered, or returning the money, giving customers liberal treatment and avoiding all OLD Fogy Ruts, our trade has been permanently increased from year to year until we control one of the best trades in this country among Market Gardeners, Tomato Packers and other growers. SELE GLORIFICATION we have left out as much as possible, because we consider it poor taste and know the intelligent growing public are disgusted with the superabundant quantity of downright nonsense dished up in some of the Seed Catalogues of the day. We prefer to devote such space to Expressions of Praise from Customers, which will be found here and there throughout the catalogue. which will be found here and there throughout the catalogue.

IMPORTANT TO INTENDING PURCHASERS.

LOCATION AND SHIPPING FACILITIES. COLUMBUS—Over 100,000 inhabitants—the largest city in the world bearing the name of the discoverer of the grandest country in the world, is very centrally located geographically, has sixteen railroads, four Express Companies, two Telegraph Companies and Telephone wires in all directions; hence, we have unequalled facilities for receiving orders, shipping and procuring lowest rates to all parts of the country; besides you rave the assurance of getting your orders in the quickest possible time. Within twenty-four hours time we can reach two-thirds of the population of the United States.

ALWAYS USE THE ORDER SHEET and Envelope sent when possible. Write plainly, keep a copy of your order and be sure to sign your Name, Post-Office, County and State, EVERY TIME YOU WRITE TO US.

THIS CATALOGUE
Please show this Catalogue to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds; he will be glad to get it. We will be glad to send a copy FREE to any of your friends in this or any other country likely to want seeds. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next as some as issued. Catalogue for next, as soon as issued.

IT IS IMPORTANT to order as soon after you get the Catalogue seeds at hand for planting when you want them; besides, if you want heavy seeds in large quantities, they can be sent by freight very much cheaper than by express. Small Orders, however, can often be sent by express as cheaply. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best independing prograph to the matter. judgment in regard to the matter.

OUR PRICES. In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn, by the quart and pint, and other seeds by the pound and one-fourth pound, you MUST BEAR IN MIND THAT WE PAY THE POSTAGE

HOW TO SEND MONEY. Cash should always accompany the order. Remittances may be made at our risk by either of the following five methods:—(Ist and best)—Post-Office Order; (2)—Draft on New York; (3)—Express Co's Money Order; (4)—Cash by Express in amounts not less tnan \$5.00; (5)—Registered Letters. When money cannot be sent by either of the first four methods it may be sent enclosed in a Registered Letter. The rates charged for Post-Office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear the expense of sending money in either of the above ways. ing money in either of the above ways.

POSTAL NOTES afford a cheap and convenient mode of remitting small sums, but without security, because they are payable to bearer.

POSTAGE STAMPS received same as each for small orders if in good condition.

SEEDS BY MAIL. Sending seeds by mail is a very important branch of our business, and we are prepared to fill all orders promptly and correctly the day they are received in nearly all cases.

SMALL ORDERS. If you only want a single packet, do not hestate to fill small orders promptly and correctly as we do large ones.

NO GOODS SENT C. O. D. unless cash to the amount of one-fourth the order accompanies same.

HOW TO OBVIATE ALL THE RISK, EXPENSE, AND SENDING MONEY .- We have arranged with the American Express

Company to receive orders for anything in our catalogue at any place where that Company has an agency. They will advance us the cost of all goods up to \$5.00, and collect it of you. For bills of over \$5.00 an Express Money Order can be sent with order for goods.

WE URGE Customers to inform us promptly on arrival of their exactly as ordered; also to report, after growth, the result, more especially if anything proves otherwise than what was expected. We aim to make friends of our customers, and mail orders receive the same attention that customers do over our counters.

GUARANTEE. Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all of these reasons it is impracticable to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for the same will be refunded. We test our seeds before sending them out, and should they fail to grow when tested by the customer we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedsman, even though he deceitfully professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. A guarantee from an irresponsible seedsman is of no value whatever.

IF YOU ARE A MARKET GARDENER, it will be to your GUARANTEE. Complaints made that seeds are not good, should

IF YOU ARE A MARKET GARDENER it will be to your state on the Order Sheet when you send in your order, for if you are growing vegetables to sell you are entitled to our MARKET CARDENERS' SPECIAL PRICE LIST, for whom it is gotten up expressly and is sent on request, but not to private gardeners, even if

they should send for it. LARGE ORDERS. Any Dealer, Farmers' Club, Market Gardener, or any individual wishing seeds in large quantities, are requested to mail us a list of what they want, and we will promptly return it to you with very lowest prices marked.

CHANGE OF ADDRESS. If you have changed, or intend to change your address, please let us know, so that we may change it on our books.

LIVINGSTON'S SONS. ADDRESS ALL ORDERS TO A. W.

COLUMBUS, OHIO, U. S. A. TRIAL GROUNDS (NORTH END NEIL AVE.

STORES 114 NORTH HIGH ST. 9, 11, 13 AND 15 E. LONG ST. INDEX...FOR THE CONVENIENCE OF CUSTOMERS WE GIVE THIS CONDENSED INDEX.

GREENHOUSES 242 WEST

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eville, 0. (March 12, 1812.)—"1. Success to your every effort in in or Marr.

Salineville, 0.

LIVINGSTON'S. Novelties and Specialties for 1893.

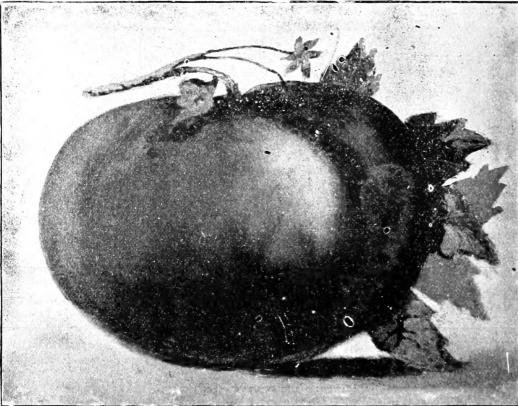
FELLOW GROWERS.—We aim to offer in this department nothing but varieties of real merit and value, and such as are highly endorsed by your own class. ALL AGREE that the grower who secures A GOOD THING first is the one who gets the most money out of it. We consider A WORD TO THE WISE SUFFICIENT, and await your kind and liberal orders. Respectfully,

A. W. LIVINGSTON'S SONS, COLUMBUS, OHIO.

Livingston's BUCKEYE STATE Tomato, "No. 10."

THE NEW BUCKEYE STATE TOMATO, which we now offer for the first time, has been

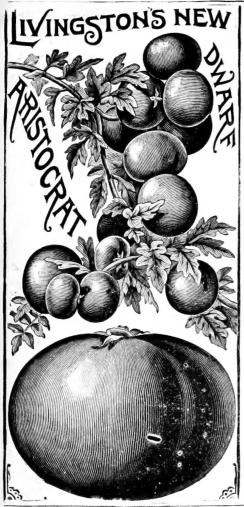
grown at our trial grounds here the past three years as No. 10, and is the largest fruited variety we have ever sent out. It averages at least double the size of Livingston's Beauty. We have always held that no matter how large a sort may be, if it is rough and uneven it is of little, if any, value nowadays. Many mammoth sorts have been introduced of late, but on first trial, the Market Gardener rejects them as unfitted for his business, on account of their roughness, preferring not to grow simply monstrosities, which are of no value to his customers. When, therefore, we state that in addition to its very large size, it is also smooth and uniform, like all the other celebrated varieties introduced by us, we are sure we have said enough to enlist the attention of Tomato Growers everywhere. This is not all, however, for although its large size



ike a good many others." Hot Springs. So. Dakota._(Feb'y

might lead some to believe the fruits are few in number, yet the fact is, it is even more prolific and abundant than the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The tomatoes are borne in In-MENSE CLUSTERS of four to eight fruits, and occasionally ten large perfect fruits have been found on a single cluster. In time of ripening it matures with Livingston's Stone. In solidity and quality, none surpass it. The color is much the same as our Beauty, but of a richer shade, and this, together with its very large and clear cut outlines, makes it very showy and striking. In shape it is a little thicker from blossom end to stem than most other sorts. The past eason we grew this variety by the ordinary method, as well as on stakes, and they were the admiration of all who visited our grounds, and nearly every caller insisted on having "just one for seed," or to carry home to show friends. With the above characteristics, not one of which has been overpraised, it must be apparent to all that the BUCKEYE STATE will immediate ately take its place in the front rank and should therefor not be omitted from a single order. Do not simply experiment with this variety this season, (we have already done that for you), but order sufficient to grow a good portion of your 1893 crop. A grower bought 200 packets of our Stone Tomato the first season it was offered and found it a profitable investment.

PRICE, (postpaid), Pkt., 20c.; 3 pkts., 50c.; 7 pkts., \$1.00.



VARF TOMATO.

LIVINGSTON'S ARISTOCRAT.

"Dwarf Champion" yery much and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy, red fruit, so much preferred in many localties to the purple or rose-colored varieties. The artist has failed to properly represent the foliage in the accompanying illustration. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present day standard of excellence. It will be found especially desirable for forcing under glass and growing outside for early market purposes. It may be planted 3x3 feet or even closer making it also suitable for small gardens, where every foot of land is to be utilized. When properly grown it is so smooth and round and its delicate tinted coat so glossy that it is entitled to the name "ARISTOCRAT." When ready for market its glistening coat, with a sprinkling of its own peculiar, dark, green foliage on top of the basket attracts the attention of every passer-by even at a long distance, like a red light. We have but a few ounces of the seed this season and can offer it in packets only. Pkt., 20c.; 3 pkts., 50c.; 7 pkts., \$1.00.

· · · LIVINGSTON'S · · ·

LARGE ROSE PEACH TOMATO.

This sort originated with us and has all the general characteristics belonging to this singular and distinct class of Tomatoes, but is much larger than any peach variety yet brought out, averaging about with the Acme in We have grown it for several years on our trial ground here and are well pleased with it. We pronounce it rot proof because we have not observed a single specimen showing any sign of rot in the past three years of its growth. It is a profuse bearer until killed by repeated frost and has the agreeable mild flavor as well as the suffused coloring and the pecular peach-like bloom on its surface. We presume that the texture of the skin accounts for its never rotting and we think for the same reason it would be well adapted for growing in certain hot climates where the ordinary tomato cannot be successfully grown. It is certainly worthy of extended trial. Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.

Livingston's Gold Ball Tomato.

For illustration and description. See page 49 and front Packet, 10c., ounce, 30c.; four ounces, \$1.00.

One Packet each of the above Tomatoes for 35 cts., including a Packet of BUCKEYE STATE, 50 cts. Postpaid.

A NEW BOOK.

Livingston

AND THE

Tomato

Being the History of experiences in discovering the choice varieties introduced by the author with practical instruction for growers.

BY A. W. LIVINGSTON.

"Dame Nature rewards those who are not ashamed to be tied to her apron strings.

This new book is now about ready for the printer and will be delivered in from sixty to ninety days. Everybody knows our hobby, for the past thirty years has been new varieties of Tongtoes and that there is big money in tomatoes if you know how to get it out—that is what the book is for. A work of this kind has been needed for years and we have been asked frequently why we did not publish one on the subject. The demand has become so great of late we felt sure it would meet with ready sale and know it would if everyone could read a page or two of its contents. It will contain not less than 160 pages, and will be a thorough treatise of the subject in hand, and will be interesting as well as valuable to every grower. We have endeavored to make a very readable book, one that any person will only reading even for testime. ble to every grower. We have endeavored to make a ver one that any person will enjoy reading even for pastime. Orders received at any time and the book forwarded as soon as possible.

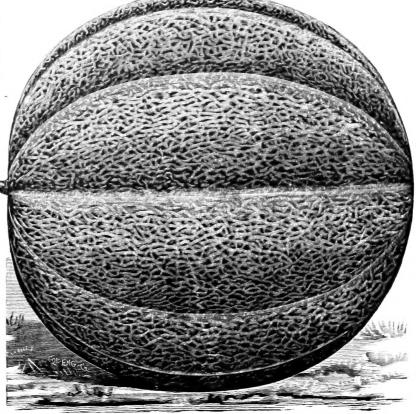
Bound in Cloth, \$1.00 (Postpaid.)

A BOOK will be sent FREE to all who order Seeds to the amount of \$10.00, or for every dollar's worth of seeds ordered 10 cents may be deducted from the price of the book. Thus, if your order amounts to \$3.00 deduct 30 cts., and send us 70 cts. for the book.



OP NUTMEG LIVINGSTON'S MELON.

FIRST observed this new hybrid vellow-fleshed melon some years ago on the market in this city, land while its outside appearance did not attract so much attention, as some of the heavily netted sorts, at the same time, it would be noticed at first sight as a distinct melon by any one familiar with the various kinds. We have the pleasure of naming and introducing it and are offering it on its merits, and claim after years of trial selection and thorough test, that nothing equals it for uniform good quality. We make no exception, not even such general favorites as Osage, Miller Cream, Perfection, or Emerald Gem. Very good specimens are occasionally found among these well-known kinds, but the universal testimony of every one using the TIP TOP, is, that every fruit produced, whether big or little, early or late in the season, is a good one-sweet, juicy, finest flavor, firm but not hard fleshed, eatable to the very outside coating. little history of this melon might be of interest to the reader. Several years ago a gentleman living in Lancaster County, Pa., discovered a peculiar melon growing in a neighbor's field, where various kinds were planted for market, among them Surprise, Hackensack, Jenny Lind and others. Out of curiosity, it was cut and tested for quality, with the result that all present were astonished at its excellence. When the above mentioned gentleman removed to Ohio, he brought, along with other good things from that model county of Pennsylvania, the seed of this va-For three or four years it has



been grown almost exclusively for one fancy vegetable stand in this city, and the prices obtained, even up to the past season, were always double that of other varieties of Muskmelons. When melons of ordinary kinds were bringing 10 to 20 cents each, the **TIP TOP** sold easily for 20 to 40 cents, and best specimens sold readily for 50 cents to those who knew the melon. The "corner" held heretofore by one grower of this melon, we now predict, is a thing of the past, for every melon grower about this city is bound to have "a patch" of the **Tip Top** in 1893. We christen this melon "**Tip Top**," and all will agree to the appropriateness of its name after a test. Growers elsewhere, who want a "corner" in their market on a good thing, should avail themselves of this opportunity, and secure a supply of the seed at once, as we expect a large demand for it from the local growers: Packet, 10c.; ounce, 30c.; quarter-pound, \$1.00; pound, \$3.50.

The Grower of Tip Top, Writes: Messes, Livingston's Sons:—"In describing the Tip Top Melon I would briefly say that we have been grow-varieties heralded by the multitude of seed catalogues presented to the public and invariably fall back to the Tip Tip as our standby. Its merits varieties licented by the first and perfect fruit, exquisitively fine and uniform flavor, most attractive appearance when cut (color bright salmon) and when intelligently gathered will bear handling equal to any melon of equal size and weight, excepting The Columbus, which is an exceptional good keeper."

The Top."

From an Extensive Melon Seed Grower.

Gentlemen:—"You ask my opinion of the Tip Top Melon; it would be anserted easiest and best by saying it is Tip Top in every particular. I have grown this melon for two years and I esteem its qualities so highly that out of the numerous kinds I annually grow. I select this kind to grow for the private use of my family. Its shape varies from round to slightly oblong; skin pale green; covered with a handsome netting; flesh, rich, deep, salmon color; sweet and spley in flavor. The flesh being thick, fine grained and firm makes this an excellent shipping melon. For experiment I had a few specimens of this kind expressed a distance of some 300 miles, they were kept in a cool place and after two weeks from their receipt some of them were in an edible condition. This proves its value as a shipper."

Seed Grower.

From a Market Melon Specialist.

DEAR SIRS:—"Having raised some over an acre of your Tip Top Melons the past year, I can say that they gave me better returns in quality and money than any variety that I ever grew. It seems to me that with "Livingston's Market" as a green-fleshed variety one would need nothing better to hit the taste of most any customer. They are also good growers. Your friend.

From Two Columbus Epicures.

DEAR SIRS:—"The Nutmeg melon received of you proved even more delicious than its luscious external appearance would indicate. Its flesh so rich in color and taste extended from deep centre to rind, leaving Yours truly,

JERRY P. B. AND D. D. McL.

SPECIAL NOVELTY COLLECTION. FOR ONLY \$1,00 we will send. Postage paid, one regular sized packet each of the following 14 splendid new Vegetables; at regular rates they amount to \$1.50. PRISE RADISHES, EVERGREEN CUCUMBER, SILVER COIN and COUNTRY GENTLEMAN CORN, RUST PROOF WAX BEAN, ARLINGTON BEET, WHITE STAR LETTUCE, DWARF LIMA BEAN, GOLD BALL TOMATO, ALL HEAD and IDEAL CABBAGE, SHROPSHIRE PEA. This is a collection of Splendid Vegetables.

IN ORDERING PLEASE MENTION THAT YOU WANT THE \$1.00 NOVELTY COLLECTION.

In addition YOU MAY CHOOSE one paper of the following FLOWER SEEDS, either—SUPERB ASTERS, FANCY PANSIES OR ANNUAL PINKS. ALL CHOICE MIXTURES.

LIVINGSTON'S NEW

* SILVER COIN * SWEET CORN.

E take great pride in offering this grand new Sweet Corn, which we believe has no peer in all around usefulness. The accompanying illustration shows an ear of Livingston's New Silver Coin Sweet Corn when fully shriveled and dry enough to shell readily. When in edible condition it is at least one-third larger. This plainly shows it to be a very large sort, but when we state that the stalks each produce usually two and occasionally three such ears, it will be seen what an immense cropper the new Silver Coin Corn is. It is remarkable, however, that although of such large size, it is fully as early as Stowell's Evergreen. It is also more prolific and the ears more uniformly well filled at the ends, and in the point of remaining long in edible condition it ranks with our now celebrated Gold Coin, and is the most profitable Corn that the Canner can possibly grow.

The kernels are broad and deep and of pearly whiteness. The depth of kernel is aptly referred to by one admirer who says that "those who like to eat corn without **gnawing a cob** will hail the new **Silver Coin** with delight." In fact, considering the tender and luscious quality of this grand new Corn, together with its depth of kernel, it is really a luxury to secure it after eating ordinary kinds. Market Gardeners will find it to excel in two very important points. First—productiveness. Second—its splendid quality will secure and hold customers. *Postpaid*-Pkt., 20c.; 3 pkts. 50c.; 7 pkts. \$1.00.

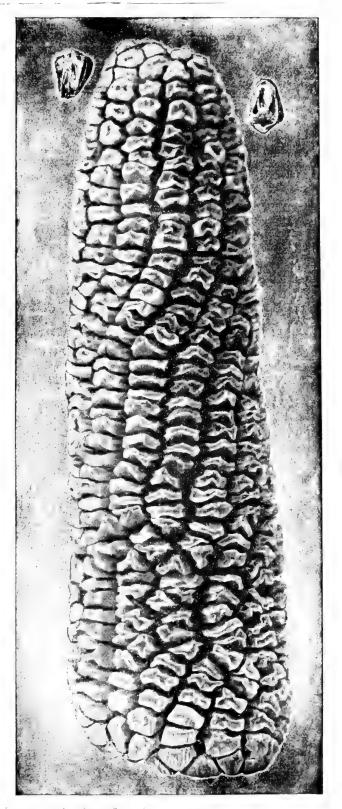
MELTING SUGAR PEAS.

Edible Podded.



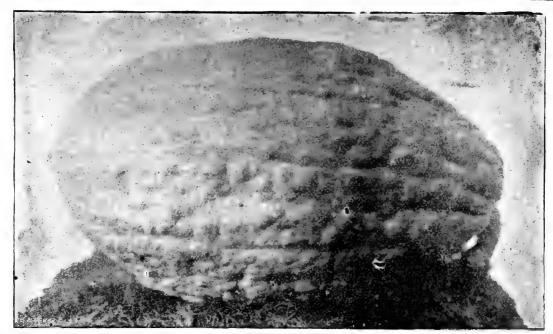
This new variety is ahead of all other Sugar Peas, not only in the size of pod and prolific bearing, but also for its delicious flavor. It grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods which are generally found in pairs, and are so brittle that they snap without anystrings. Sweet and tender, and is cooked like wax beans. Last season we were compelled to return many orders for this excellent Pea, but we now have a fine stock in store with which to supply all orders entrusted to us.

Price: By mail (postpaid), pkt., 10c.; pint, 35c.; qt., 60c. By express, qt., 45c.; 2 qts., 80c.; 4 qts., \$1.50; peck, \$3.00.



Lessylle, 0. (July 11, 1892).—" Have used your seeds for several years and am becoming more pleased with them each season that I use them. Your seeds and plants always come true to the catalogue descriptions and the amount of seed in each packet is generous."—W. E. B.

EUREKA



SQUASH

LIVINGSTON'S NEW EUREKA SQUASH.

The flesh is very thick and fine grained, and whether baked, steamed or boiled is of extra fine quality. Its attractive appearance is also another strong point in its favor, being oblong or egg shaped, uppering from the center to the poles, and a little fuclined to be pointed at the blossom end. The ourside color is a light grayish green, very handsome, and this, with its rough and uneven surface, at once indicates its good qualities for the table. An average sized specimen weighs from 20 to 25 pounds, and for a squash of this size is wonderfully profific, a vigorous vine producing two and three large sized fruits at consecutive joints. In fact, where the vines are not too much crowded, it shows a tendency to produce fruit in pairs. When well matured its shell becomes quite hard, but not enough so that stock can not readily cut them. This feature, with its thick, rich, salmon-colored flesh, and probliness, makes it specially desirable for feeding, at the same time being a most excellent table variety We pronounce it An Encellent Farmer's Squash, because it is profitable to grow for feed as well as for market purposes.

POSTPAID-Packet, 15 cts.; ounce, 25 cts.; 14 pound, 80 cts.; pound, \$3.00.

Burlington Hybrid Table Corn

CALLED BY SOME SEEDSMEN A SWEET CORN.

Last winter our Mr. A. W. Livingston found this corn among the growers in Burlington Co., N. J., (a county celebrated for market gardening), where it has almost entirely superseded all others for extra early market. It is not a pure Sweet Corn, but as its quality is much better than the Adams, and its size and appearance away ahead of any Sweet Corn of its season, it will be seen that when it comes into market it practically has no competitor. There is a very lively competition in the Philadelphia markets, but this Corn led all other sorts of its season in earliness and quality. Being a cross between Adams' Extra Early and some pure variety of Sweet Corn, it combines extra earliness with fine quality. It cannot be told from Sweet Corn as the leaves on the husk resemble those of Sweet Corn. Its productiveness is a great ways in advance of Extra Early Adams, being taller and of more compact growth. The latter characteristic allows it to be planted closer together, and its length of stalk gives it room to bear from 3 to 4 good ears, which it almost invariably does. A grower friend of ours in Burlington Co., N. J., who has grown this sort a number of years, and who praises it enthusiastically, has saved us a quantity of stock seed and we offer it to our customers, believing that we have found a most valuable and profitable thing for them. Our friend writes that "it comes about two weeks earlier than any Sweet Corn, and on this account is almost exclusively grown by marketmen in this locality." progressive Gardener should fail to try this Corn liberally.

By Mail, (postpaid)—Packet, 10c.; pint, 20c., quart, 40c. By Express Quart, 20c.; 2 quarts, 35c.; peck, \$1.00; bushel, \$3.50.

THE NEW

COLUMBUS MUSKMELON.

(NAMED AND INTRODUCED BY US IN 1892.)

THIS decidedly distinct and excellent melon we had the honor of naming and introducing the past season. It is a green-fleshed, general crop variety, ripens with Hackensack and is a very heavy yielder. The vines are strong and thrifty and the melons if left on the vines a week after they are ripe and ready to pick still retain their good quality. It is strikingly distinct from other Muskmelon in shape, color and general markings, and no melon in existence will compare with it as a Long Keeper, that we ever grew and we test all kinds as fast as sent out by the various seed house and melon Its beautiful buff skin is covered with a very thick whitish netting. It is almost entirely free from ribs or seams. The flesh is very solid and thick even at the blossom end and leaving only a small seed cavity, never bursts open at either end and can be safely shipped long distances in barrels or other large packages. Its attractive appearance insures ready sale in any market and its good table qualities will create at once a lively demand from customers. Postpaid, Packet, 10c.; ounce, 20c.; quarter-pound, 60c.; pound, \$1.75.

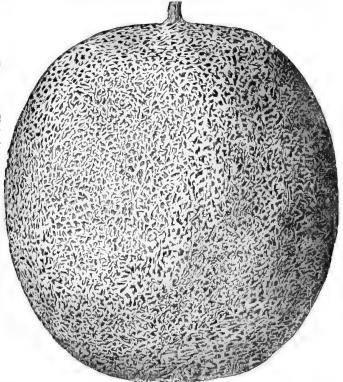


READ THE OPINION OF THE FOLLOWING GROWERS AND CONSUMERS.



From an Extensive Grower and Shipper. GLNTLEMEN: — "Our field of Columbus Melon was a sight worth seeing; the ground being literally covered with large Gream Melons. We pronounce them one of the finest melons to eat there is grown and we know there is no melon that will stand shipping as long a distance as the Columbus."

Hon Albert Woodcock, Ex-United States Consul to Sicily, writes:—"The best Muskmelon I have ever eaten."



Tunkhannock, Pa., Sept. 23, 1892.—"The Columbus Muskmelon in splendid. You can't say too much in its favor. We have been having them in abundance for two weeks from seed sown in July and from seed sown earlier in a frame by itself. Thave just picked one two feet in circumference."—F. P. AVERY.

Mr. Daniel Etnire, Pres. of the First Nat. Bank, Oregon, Ill., writes:—"I have been supplied with the Columbus Melon for the last two years, and I must say I have never found such melons anywhere. We used them every meal and they cannot be recommended too highly."

Improved LONG DIXIE Watermelon.

See Illustration on Third Page of Catalogue Cover. 🚈

DECIDED improvement over the original Dixie introduced three years ago, and which has given such good satisfaction among shippers, even surpassing the universal favorite, Kolb's Gem. This improved Dixie is longer and larger; hence more desirable for shipping; it loads well and presents a good appearance in the car or when exposed for sale. It is darker and more beautifully striped than the well-known Kolb's Gem. While none surpass it for shipping, few if any equal it for the table; the flesh being very red, sweet and juicy, it is all that can be desired in quality, flavor, etc. We wish to call the shipper's attention to the fact that this melon will hold after it is ripe for days and still retain its excellent qualities. This is a decided advantage because the melons may be left to ripen on the vines or may be detained while en-route to market, as is often the case, and still bring the highest market prices when offered for sale which is very satisfactory for both shipper and seller. Shippers who have had returns from cars of over-ripe melons will fully appreciate this point. One of the largest growers and shippers on the Mississippi River bot-

criate this point. One of the largest growers and shippers on the Mississippi River bottoms called our attention to this special feature the past season. He stated that Long Dixies after being picked and laid in the sun ten days would open juicy and of excellent quality and that he felt sure the whole crop could be allowed to ripen and gathered at one picking. The universal testimony runs thus:—"Excellent quality, better than Peerless or Icing." Postpaid, pkt. 5c.; oz. 10c.; 1 lb. \$1.25; 3 lbs. \$3.25; 5 lbs. \$5.00.

Muscatine, lowa, Dec. 19, 1892.—"We shall want Long Dixie Watermelon Seed enough to plant 100 acres this year. It is one of the finest melons to eat there is grown and ships as well as Kolb's Gem. When we send Dixie they all say send same kind we had before,"—H. M. S.

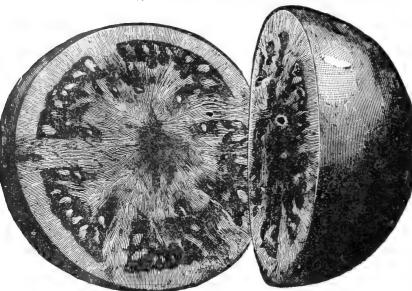
ORNAMENTAL POMEGRANATE.

Grows on a pretty vine, its handsome fruit is a lemon-yellow striped and sometimes spotted with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Packet, 10 cents; three packets, 25 cents.



LIVINGSTON'S ROYAL RED TOMATO.

NTRODUCED BY US IN 1892 ₩



THIS is a princely variety, and worthy of a prominent position along side of its renowned royal predecessors already bearing the Livingston name, which are well and favorably known today by everybody, because they were all that was claimed for them, and even better than people expected. It is a first-class main crop variety for the ship-per, marketer and private gardener, and not a single essential point is lacking.

Wherever Livingston's Royal Red was exhibited the past season, it easily carried off the **Red Ribbon**, and everybody was attracted by its VIVID RED COLOR and handsome general appearance, even when shown with collections of forty and fifty kinds. Price (postpaid): Pkt., 10c.; oz., 30c.; 1 lb., \$1.00; lb., \$3.75.

Read the following letter:

Read the following letter:

Port Huron, Mich. (Nov. 17, 1892).—"GENTS: After giving your new Royal Red Tomato a thorough trial the past season, I cannot refrain from saying a few words in its praise. Have tested everything worthy of trial introduced within past 15 years, but for productiveness, smoothness, beauty and size of fruits there is nothing to compare with Royal Red. Have watched it closely and found not one point to score against it.

Yours truly, Hiram Pressey."

LIVINGSTON'S **EVERGREEN** Cucumber.

In 1890 we distributed free among our customers about 10,000 packets of a new Cucumber which was labeled "No. 35." As soon as they came into bearing, we began to be in receipt of any quantity of letters, all praising it in unstinted terms. This variety has since been thoroughly tested the country over, and was

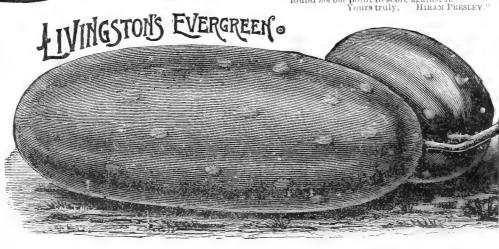
Catalogued by several of the largest seedsmen in the country last season, and it is now generally admitted to be the best pickle sort offered, possessing, as it does, every qualification required in a perfect pickle cucumber. Very hardy and evergreen, withstands drouth, and bears until frost. One grower says it bears

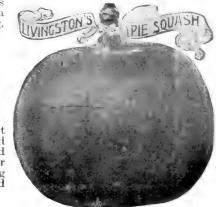
four to one compared with standard sorts. A very strong grower, but extra early and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Price (postpaid): Pkt., 5c.; oz., 10c.; ‡ lb., 30c.; lb., \$1.10; 3 lbs., \$3.00.



This Pie Variety is exceedingly uniform in size and shape, and just the right size for retailing. It has been kept in one family for many years, and is preferred by them to any other for pies. The skin is about the color of a russet apple and quite attractive. The flesh is very thick, making them so heavy that they appear to be perfectly solid. It is sweet, very fine grained, and is unexcelled for making pies; also first rate for stewing. It is of great value to market gardeners, and we hope to see it generally distributed.

Price (postpaid): Pkt., 5c.; oz., 15c.; † lb., 40c; lb., \$1.35.





LIVINGSTON'S IDEAL CABBAGE.

HIS is certainly one of the most magnificent strains of Winter Flat Dutch known to-day. By persistent selection, year after year, it has been brought to a state of perfection rarely, if ever, attained elsewhere. The large, solid heads, the low, short stems, the absence of useless foliage, the uniformity of size and shape, the reliability for heading, all combine to make this the IDEAL Cabbage for profit. Our seed of this Cabbage was grown from large, solid, fully matured heads, which were pulled in the fall, pitted during the winter, and set out last spring. This method is very expensive, and seed produced in this, the only true way, cannot be sold at a small price

HIGH PRICED, BUT CHEAPER. We offer the following calculation to show Cabbage Growers how a few cents extra per acre in the first cost of seed will produce extra dollars at harvest time: Four ounces of LIVINGSTON'S IDEAL WINTER, costing \$1.00, will grow plants enough for an acre. Four ounces of cheap seed will cost 50 cents. Thus the extra cost of reliable seed is 50 cents per acre, a sum which appears very small at first sight; but it is absolutely ridiculous when you consider that 10 extra heads per acre, at the extremely low price of 5 cents per head, pays the difference. Moreover, with good cultivation, you can confidently expect to get from 500 to 1,000 more heads in number, and much more uniform in size and shape, than from any other strain with which we are acquainted. Thus, 50 cents extra, wisely invested in good seed, will produce, at the lowest calculation, from \$25.00 to \$50.00 at harvest time.

Postpaid—Packet, 10 ets.; ounce, 35 ets.; 4 pound, \$1.00; pound, \$3.75.

Mr. Wm. Wagner, Ray's Crossing, Ind., writes: -'T can truthfully say that I just idolize your IDEAL WINTER CABBAGE. I have grown many strains of fine Winter Cabbage, but the "IDEAL" beats them all. It forms the prettiest and strongest plants I ever saw in any strain of Cabbage before, with heads remarkably large, tender and solid. In fact, it is all anyone could wish in a fall or winter cabbage. For my planting, I would not give an ounce of the "IDEAL WINTER CABBAGE" seed for a pound of any other strain of late cabbage seed I am acquainted with. It cannot be praised too highly."

BURPEE'S ALL HEAD EARLY CABBAGE.

In offering this sort last season we gave the introducer's description, which stated that it was a week earlier than Early Summer. We made a very careful comparative test on our trial grounds of this variety, last summer, in comparison with a number of other sorts, and can fully endorse all the claims made for it, excepting we did not find it earlier than our strain of Early Summer. Customers also, so far as heard from, were well pleased with it. It is rightly called a thoroughbred sort on account of its remarkably uniform size and shape, and its reliability for heading. Efforts in selecting stock seed have constantly been made with a view of securing the largest early heads with the fewest loose leaves. The deep flat heads are remarkably solid and uniform in color as well as shape and size. The main feature of a good Cabbage is Texderness, and in this respect it is not surpassed. While it is all that can be desired for earliness, it is also valuable for a late Cubbage, if sown in July, and plants set out about the middle of August. Set plants 18 inches apart in rows, with three feet between the rows for cultivation, and 9,680 plants can be set on the acre, ninety-five per cent. of which, in an ordinary season, and with reasonable cultivation, will make good merchantable heads.

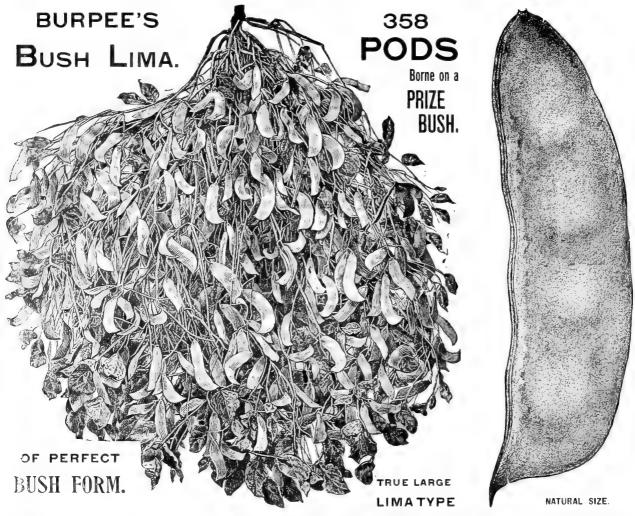
Packet, 10c.; ½ ounce, 15c.; ounce, 25c.; Engraved from a pound, 80c.; pound, \$3.00.



Luxemburg, or Hard Heading Cabbage.

Largely grown about Chicago for the shipping trade. Several years ago it was brought into this country by a German gardener, who knew no name for it. It proved so valuable that the seed has been sold frequently at \$1.00 per ounce, and sometimes higher. It makes a very hard head of good size and extraordinary weight, and is remarkable for its keeping qualities when buried over winter. It is the best sort for late spring sales after all other sorts are gone, when it commands a high price, owing to its dark green color, size and quality. It is, no doubt, one of the most profitable sorts to grow, and every gardener should have it.

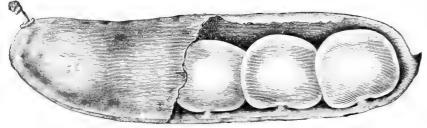
Postpyro—Packet, 10c.; 3 ounce, 15c.; ounce, 25c.; 4 pound, 75c.; pound, \$2.75.



THIS BUSH LIMA BEAN is what has long been desired, but which growers hardly expected ever to obtain—a perfect bush form of the true fuscious Large Lima Bean. Bushes grow from is to 20 inches high, of stont growth and always erect, yet branching so vigorously that each plant develops into a circular bush, from 2 to 3 inches are of very large size and great substance. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, identical in size and flavor, to the well-known Large Pole Limas. Of incalculable value for the reason that now the largest and best Lima Beans can be cheaply raised in quantity, without the expense and labor attached to the use of poles. PRICES of genuine seed by mail, postpaid. Liberal pit. 15c.: 2 pkts., 25c.; 10 pkts., \$1.00; ½ pint, 35c.: pint, 60c.: quart, \$1.10. By express, or freight, at buyer's expense. Per pint, 55c.: quart, \$1.00; 4 quarts, \$3.75.

CAUTION.

Beware of Adulterated Seed, the common Pole Lima has already been sold for this by a rogue grower to some of the seed trade—our stock is either our own growth or that of Mr. Burpee, the originator, and none more reliable can be secured.



A POD OF DREER'S LIMA.

DREER'S BUSH

Possesses all the good qualities of the well-known Dreer's Pole Lima. The beans are thicker than any other, and when cooked more like wrinkled peas than ordinary Lima Beans and much preferred by many to any other for table use. Pkt., 15c.; 2 pkts., 25c.; ½ pint, 60c. See fuller description page 19, but the price on page 19 is an error.

HENDERSON'S DWARF LIMA BEAN.

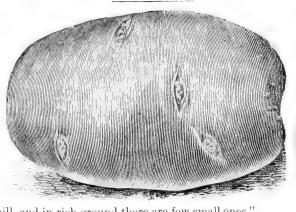
A grand good bean of the small Lima type. See page 20. P stpaid packet, 10c.; $\frac{1}{2}$ pint, 15c.; pint, 30c.; quart, 55c.

ANY ONE Wishing to test the comparative merits of these three Limas can have three sample packets, postpaid, for 25 cents, or three regular size packets for 30 cents.

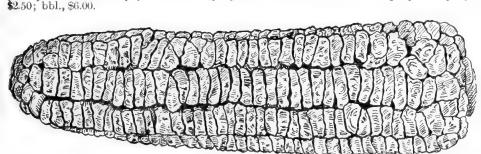
THE FREEMAN POTATO.

THIS new Potato, which has been so extensively advertised by an Eastern firm, has proven to be a most valuable sort. We last spring secured some stock seed and have grown a crop the past summer. The originator, Mr. W. D. Freeman, describes it as follows:

"The tuber is oval in shape, russet in color; flesh very white, both raw and when cooked, very fine grain and of very best flavor. The greatest merits of the variety are its extreme earliness and long keeping qualities. From the time they are as large as hen's eggs until the new potatoes come in next year, they burst open when boiled with their jackets on, and appear snow-white and floury. In 1889, I planted on June 4, and on July 13ththirty-nine days from planting—I dug the first mess of fine potatoes for dinner. They grow very quickly, and ripen several weeks in advance of the Early Rose. My first general planting this year was ready to put in the cellar August 1st, being then thoroughly ripe, and the vines dead. They are also a first-class yielder; I have frequently dug six to nine pounds from a single hill, and in rich ground there are few small ones."



W. D. FREEMAN. PRICE of Genuine Stock grown by us from seed secured from the introducer; none better, no matter how fancy a price you are asked to pay. By Mail (postpaid): Lb., 30c.; 3 lbs., 75c. By express or freight, ½ peck, 40c.; peck, 75c.; bus.,



First of All Sweet Corn.

The Cory Sweet Corn having held the honor of being the very earliest Sweet Corn in existence for several years, will now have its prestige taken away by the First of All, Reports of customers and

comparative tests give it the lead by about one week. It is of much better quality, being very tender and sweet. Ears average ten rows each, while the Cory rarely has over eight. Postpaid: Pkt., 10c.; pint, 20c.; quart, 35c. By express: Quart, 25e.; 2 qts., 40c.; 4 qts., 60 cts.; peck, \$1.00; bus., \$3.50.

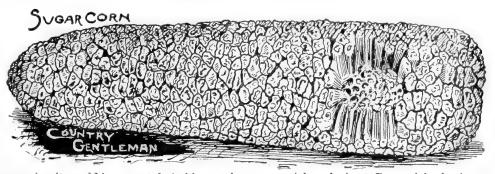
Hill's Forcing White Spine Cucumber.

This excellent variety originated near Boston, and is in great repute on the markets of that city. For some time Mr. Hill, the originator, had the trade all his own

way, as his Cucumbers were ready for market before others, and were of such perfect form, so remarkably even, and of that desirable dark green color. It is a selection from the best Arlington White Spine, and is adapted to open ground culture as well as for forcing. It grows much more compact about the hill than most other kinds, and will be highly appreciated by Southern truckers for shipping. Pkt., 5c.; oz., 10c.; 4 lb., 30c.; lb., \$1.00.

Country Gentleman Sweet Corn.

The Ne Plus Ultra, or "Shoe Peg" Corn, has given more satisfaction for private family use than any other sort. Its only weak point with market gardeners was its small size, and



it was conceded that with larger size, it would be a most desirable sort for commercial gardening. By careful selection, a variety has been obtained which produces ears of about double the size, and of the same delicious quality as the original. We offer with confidence the "Country Gentleman" as an exceedingly fine Sweet Corn. The ears are produced in great abundance, our grower last year sending in a number of stalks bearing four good ears, while the average of the crop was three ears to a stalk. The cob is very small, giving great depth to the kernels, which are pure white. But the great merit of the "Country Gentleman" is its delicious quality. It is, without doubt, the sweetest and most tender of all Sweet Corn. Our present excellent stock was grown by ourselves and the originator. *Postpaid*: Pkt., 10c.; pint, 20c.; qt., 40c.; qts., 75c. By express: Qt., 25c.; 4 qts., 75c.; peck, \$1.25; bush., \$4.50.

≈TURKISH DWARF WATERMELON.≈

THIS new melon which we offered last season for the first time is of Turkish origin. It is quite early and the vines of somewhat dwarf habit, allowing it to stand at least one-fourth closer than ordinary sorts. The quality is not excelled, and all things considered we claim for it the first place among early market sorts. The color is quite dark green, with stripes of light green running from pole to pole. These latter give the melons an appearance of being distinctly ribbed like a Muskmelon, when in reality the ribs are barely perceptible. The melons have a smooth skin are round in shape and will average about 10 lbs, each in weight. The quality is excellent, fine grained and sweet. This will be a valuable variety to grow for early market, and owing to its peculiar appearance, in connection with fine quality, will sell readily. Packet, IOc.; ounce, I5c., quarter-pound, 40c.; pound, \$1.35.

"COUNTY FAIR" PEPPER.

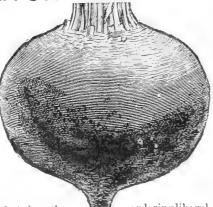
This variety has been grown on a large scale for years by one of the most practical and intelligent New Jersey farmers, and although he has tried all others, he has not found anything to equal in quality and productiveness the "County Fair." It is of strikingly handsome appearance that at once arrests the eye, whether in the market or on the exhibition stand of an agricultural fair. The peppers are of medium size, but are very solid and "meaty," and of sweet, sprightly flavor, entirely free from any biting or burning taste. Pkt., 5c.; ½ 0z., 20c.; 0z., 35c.

ARLINGTON FAVORITE.

A new and improved beet. which, for form, flavor, deep bloodred color of the flesh, small foliage, and general adaption for market-garden cultication cannot be excelled, if equalled, by any other variety. A strong proof of its superiority over all others is the rapidity with which load after load is disposed of when

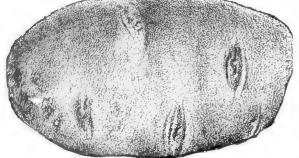
brought into market by the gardeners. We consider it a decided improvement in every

You will make no mistake by



ordering liberally of this seed. Pkt., 5c.; oz., 10c.; } lb., 25c.; lb., 75c.

◆OUR NEW POTATO OF 1892.◆



THE NEBULA. Last season we introduced this new and ex-

Last season we introduced this new and excellent seedling. It criginated in the hands of Mr. D. C. Kilngler, of Hardin County, O.

It is a strong grower, rery carly, of good quality, a heavy cropper and well liked by every one who grew it in 1802. It is worthy of general cultivation by potato growers. Seed quite limited again this season. (MICHIGAN GROWN STOCK.)—Price, by mail, single tuber 15c.; ib., 30c.; 3 85s., 75c. Py express or freight, Half peck, 35c.; peck, 60c.; half bushel, \$1.00: bushel, \$1.75: bbl., \$4.50.

CANNON BALL WATERMELON.

This is a splendid, solid little melon, so dark in color it is almost black, and as round as a cannon ball. A splendid melon for home use, small families, etc. Sells well.

Pkt., 5c.; oz., l0c.; 4 ozs. 30c.: lb., \$1.00.



CANNON BALL WATERMELON,

RAWSON'S NEW HOT-HOUSE LETTUGE.



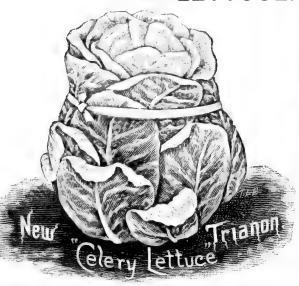
The above cut is a correct likeness of this new Lettuce, taken from The above cut is a correct likeness of this new Lettuce, taken from a photograph. It is especially adapted for growing in green-houses and hot-beds, being the largest lettuce grown, nearly double the size of the famous Boston Market or white Seed Tends-Bail. It is a sure header and not liable to rot in the heart, making it the most desirable variety for market-gardeners. Mr. Rawson is a famous Boston gardener and knows what is required in first-class market Lettuce, and has spent a number of years working up the good points of this variety. The seed we offer was grown under glass, from carefully selected heads by Mr. Rawson, and can be relied on as true. Seed is very scarce.

Packet, 10c.; half ounce, 40c.; ounce, 75c.; four ounces, \$1.50.

NEW- ⊮

TRIANON

OR CELERY LETTUCE.



THE favorite class of Lettuces in Europe are the Cos or blanching varieties, and this is the very finest of its class; already they are becoming more popular here. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. It excels all other Lettuces in quality, having a taste and crispness unequaled. The leaves, when bleached are stiff like Celery stalks, and can be eaten in the same manner. Prepared for market as shown in the engraving they are very attractive, and when offered to customers as a "Celery" Lettuce they always secure sales.

Packet, 5c.; ounce, 15c.; 4 pound, 50c.; pound, \$1.75.

SHROPSHIRE HERO PEA.

A prime NEW PEA pronounced by all market gardeners who have tested it, the most valuable acquisition in new peas made in recent years. It is a second-early large wrinkled pea, a robust grower like Stratagem, two to three feet in height, producing its large pods in abundance. The pods are larger and better filled than such fine sorts as Telephone, Stratagem and others of its class, averages seven, and often contains eight and ten fine large peas of exquisite flavor. It has been awarded a first-class certificate by the Royal Horticultural Society of England.

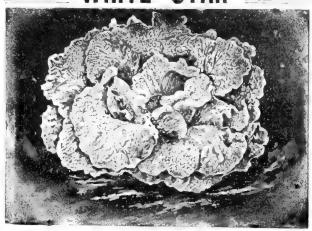
By mail, postpaid, pkt., 10c.; pt., 30c.; qt., 50c. By express, qt., 30c.; 4 qts., \$1.20; peck, \$1.75.

NEW JUNO PEA.

A GRAND ACQUISITION. We have no hesitation in saying that it is by far the best wrinkled Pea of its class to-day. It differs from the Heroine (see page 43) in that it has a more robust vine and has stout, straight pods, usually borne in pairs. It is noticeable that the pods are very thick, broadbacked all the way up and filled from the stem to the tips with seven to nine sweet, delicious, dark green Peas of immense size. Its height is two feet, and its season from medium early to main crop. We are satisfied it is destined to become a standard variety. Try it.

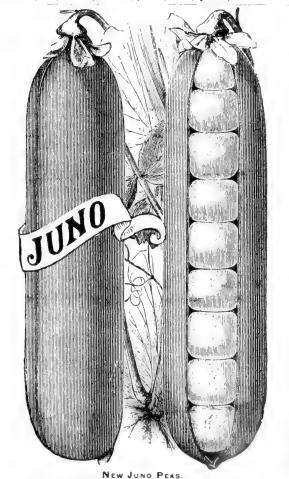
By mail, postpaid, packet, 10c.; pint, 35c.; guart, 60c.

TILTON'S WHITE STAR LETTUCE



A WHITE seeded lettuce destined to become a universal favorite with Gardeners for forcing or planting out doors, on account of enormously large heads, bright color, crispness and long keeping qualities. It is distinct from Black Seeded Simpson, and we think an improvement on that sort. Will be found a remarkably valuable shipping sort. It is an enormous yielder, and remains a very long time in condition for use.

Packet, 5c.; ounce, 20c.; | pound, 60c.; pound, \$2.00.





Centrosema

ENTROSEMA GRANDIFLORA

(Something Absolutely New.)

Grandiflora.

Many old and neglected plants are really valuable, and prove eminently satisfactory, but, after all, it cannot be denied that one which is absolutely new to cultivation and at the same time is one of the very best in actual merit, is decidedly most desirable

Just such a plant is Centrosema Grandiflora.

trosema Grandiflora.

It is a perfectly bardy perennial vine of rare and exquisite beauty, which blooms early in yerted pea-shaped flowers, from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to areddish purple, with a broad feather—white marking through the center. The large buds and the back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally, plants bear pure white flowers, while others are margined with a broad white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a single cluster. The stem and foliage are very graceful, and of a delightful odor. Blooming stems placed in water remain fresh for many days. It is well adapted for every garden purpose, and especially as a climber, running 6 to 8 feet in a season. Even in the poorest soil it will bloom freely until cut down by frost. Packet, 15 cents. Packet, 15 cents.



GOLDEN YELLOW DOUBLE

After several years of careful selection we have to offer a pure yellow Scabiosa, which comes almost true from seed. The plants of this PRETTY AND USEFUL NOVELTY are semi-dwarf and bushy, and bear in great profusion compact double flowers of a VERY "INEGOLDEN YELLOW color; admirably adapted for cutting: a yellow Scabiosa having been long looked for, we do not doubt but this introduction will secure a large share of popular favor. (See cut.) Packet 25c.

CALADIUM-Esculentum.

"ELEPHANT EARS."

A splendid tropical-like plant growing four feet high, with immense leaves, beautifully veined and variegated with different shades of green. As a single plant or mass for the lawn or flower bed, or for margins of water it is very fine. Of easy culture; will grow in any garden soil, but delights in a well enriched soil: should be frequently watered.

\$25.00 Cash Premiums for 1893. In order that more of an interest may be taken in this very effective and ornamental fol-

rage plant, we have decided to offer

\$10.00 to the Grower of Largest Leaf. \$5.00 to Grower of Second Largest Leaf.



The leaves in competition to be delivered to us all charges prepaid, not later than Oct. 15, 1893. Competitors at a distance who do not wish to go to the expense of forwarding the leaves until they know whether they have any likelihood of being awarded a premium, can first write us, giving measurements of their largest leaves, carefully preserving same until we

advise them that they may be sent in

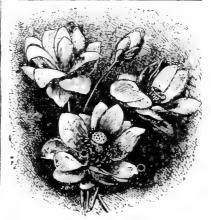
competition.

Careful measurements will be taken and recorded by disinterested persons as the leaves arrive, and the prizes awarded Oct. 15, 1893. Any person buying a bulb of us is entitled to compete for the premium.

Price of Choice Bulbs, by mail, (postpaid), according to size: 20c., 40c., 60c. each. By express, (not prepaid), Small Bulbs, 10c. each; dozen, \$1.00. Medium Bulbs, 25c. each; doz., \$2.00. Large Bulbs, 50c. each; dozen, \$4.00.

LAST YEARS' PRIZES:-\$10.00 to Mrs. Wm. Oyler, Lithopolis, O., as first prize for leaf measuring 12 feet 8 inches in circumference, and \$5.90 to Mr. R. Beaton, 1123 Oak Street, Columbus, O., second prize for leaf measuring 11 feet 4 inches in circumference

This year we offer four prizes instead of two.



NELUMBIUM—(American Lotus.)

This is one of the most beautiful and valua-In six one of the most beautiful and valuable of all the water lilies. The dark green leaves, 12 to 15 inches in diameter, surmounted by the enormously large double flowers resembling a monster double tulip, form a beautiful contrast and are a worthy ornament to any garden or lawn. Easily grown in tanks or models. any garden or lawn. Easily grown in tanks or ponds. Full cultural directions on each packet. NELUMBIUM LUTEUM, yellow, fragrant; pkt. 25e

Chinese Marcissus.

This beautiful and fragrant plant has be-This beautiful and fragrant plant has become very popular within the last few years, as it is such a quick and free bloomer and so very easy and interesting to cultivate. It can be planted in sand, moss, earth or water, and will bloom in from four to eight weeks time

of planting. (None after April 1st.)
We import a large quantity of these bulbs direct from China and can give you good bulbs at low prices.

Large Bulbs, each, 25c., postpaid.



shall be glad to send our SPECIAL PLANET JR. CAT-ALOGUE, containing full descriptions and many illustrations; it also de-ceptions to Color Earthea scribes the Celery Earther, Furrowing Steels, Marking Attachments, Sweet Potato Vine Lifters, Roller, etc. It is good reading, and will be sent FREE to all who will write for it, whether they want to buy or not.



Planet Jr. Fertilizer Drill.

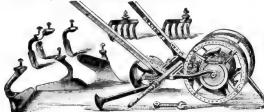
Newest and Best.

This is an entirely new machine, the latest and best of all the Planet Je. family. It holds two quarts and sows all kind of seeds with the greatest regularity. Sows in drills, also drops in neat hills either four, six, eight or twelve inches apart. Can be changed from hill to drill dropping, or thrown in or out of gear in a moment, and will not sow when run backwards. It is nicely adapted to working all conditions of land, the sowing is regular, no matter whether the drill is full or nearly empty. The sowing can be stopped instantly at the end of the row so that none need be wasted. The ability to drop in hills is a great advantage, as it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hand labor in thinning out. Well made and the best tool in the market. Gardeners who used it last season speak of it in highest praise. OUR NET PRICE, \$10.00.

PLANET JR. SINGLE WHEEL HOE Is considerably lighter than the pair Hoes, three Reversible Cultivator Teeth, two narrow, one broad; a Large Garden Plow, and a pair of Rakes. Is admirably adapted to the use of small gardens. Weight, 26 lbs. OUR NET PRICE, \$50.00.

FIREFLY SINGLE WHEEL HOE—Light, strong and adjustable to quite a variety of work. It has two Hoes, which work either to or from the This is an entirely new machine, the latest and best of all the PLANET

a variety of work. It has two Hoes, which work either to or from the row, three Cultivator Teeth and one Garden Plow. An excellent cheap took. Weight, 23 pounds OUR NET PRICE, \$4.00. OUR NET PRICE, \$4.00.



PLANET JR. COMBINED SEED DRILL, CULTIVATOR, ETC.

The very best machine made for the two purposes, and does both tell. The cultivating attachments are a Plow, a pair of Protecting well. The cultivating attachments are a Plow, a pair of Protecting Curved Point Hoes, a set of three Cultivator Teeth, and a pair of Rakes. Blades are steel hardened in oil, tempered and polished. Is an excellent sower, and a first-class double wheel hoe while plants are small; an excellent wheel scuille hoe. Opens furrows for corn, beans and potatoes, and covers them. Net Price, \$9.00.

PLANET JR. ONION HARVESTER.

An attachment which can be applied to all of the Plane's Jr. Wheel Hoes or Combined Drill, and is an excellent Scuffle Hoe. It thoroughly loosens the crop without scattering the bulbs, and leaves them in the best condition for easy handling, saving labor and time in harvesting the fully grown onions, and also onion sets. Can be used for gathering Spinach. PRICE 5110 PRICE. \$1.10.

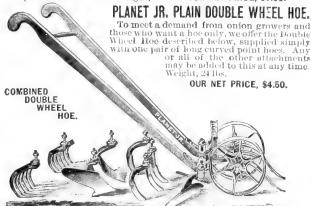
GEM CULTIVATOR—Over 10,000 now in use to the entire satisfaction of the buyers. It is not only cheap, but one of great value. Two Scuffle Blades, one 4¹/₄, one 9 inches wide; two Plows, right and left hand; five Stirring Teeth, made of best steel; the wheels and handles adjustable in height; frames slotted; teeth and plows can be set in any position and angle. No 1, Single Wheel, \$4.00. No. 3, Double Wheel Gem, \$4.25. No. 2, Double and Single Wheel, Combined, \$6.25.



This is the same as the New Hill Dropping Seed Drill, except it has a

This is the same as the New Hill Dropping Seed Drill, except it has a Fertilizer Sowing Attachment. It works in a perfect manner, sowing any desired quantity, and the fertilizer can be placed either above or below the seed, covering it lighter. The machine is a perfect and invaluable tool for every market gardener, onion and strawberry grower. Fully described in catalogue mentioned above. OUR NET PRICE, \$5.00.

PLANET JR. No. 2 SEED DRILL—Sows all garden seeds accurately at opening, dropping, covering, rolling down and marking the next row, all at one passage, in the most perfect manner. Holds 2½ quarts. Has no cams, kevers, brushes, cogs, springs or shakers to get out of order. Noiseless, automatic, self-cleaning and accurate. Remarkable for ease and perfection of work. Weight, 40 lbs. OUR NET PRICE, \$7.00.



PLANET JR. DOUBLE WHEEL HOE CULTIVATOR, RAKE AND PLOW COMBINED.—Has the invaluable features of tending both sides of row at once. The wheels can be set for working broad or narrow rows. It has a pair of Hoes, a pair of Plows, two pairs of Cultivator Tecth, a pair of Rakes, and a pair of Leaf Lifters, making it capable of every variety of gardeners' work, in fact, any work that can be done with a hand tool, the Combined Double Wheel Hoe will do in the most approved manner. OUR NET PRICE, \$6.50.

PLANET JR.

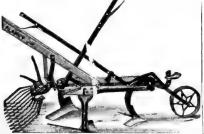
Firefly Wheel Garden Plow.

This little plow has been found very useful for gardeners and private families, in opening furrows, covering seed in drills and hilling growing plants. Weight, 12 pounds.

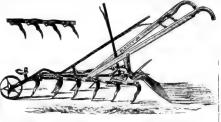
PRICE, ONLY \$2.15.

OTHER DRILLS AND CULTIVATORS.

NEW MODEL DRILL—A model in every respect. One of the best. \$6.00. A. H. MATTHEWS GARDEN DRILL—Well-known and squerior Drill. \$7.25. COMSTOCK'S SEED SOWER HAND CULTIVATOR AND WEEDER. \$3.00. IRON FRAME ONE-HORSE HARROW. Price, only \$4.75.



PLANET JR. GARDENER'S HORSE HOE-Regarded by the manufacturers as their greatest achievement. Price — Without Pulverizer, \$6.25. Complete. \$7.75.



Planet Jr. Harrow and Pulverizer,

PP'CES:—Plain, \$6.75, without Pulverizer, Without Pulverizer or Wheel, \$5.00. Complete, \$7.75.



PLANET JR. ALL STEEL HORSE HOE, CULTIVA-TOR, ETC.—NO BETTER MADE. Prices—Horse Hoc, complete, \$8.25. Without Wheel, \$7.50. Covering Roller, extra, \$2.00. Extra set of 5 Cultivator Steels, \$1.00.

LARGE REE. Collection

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packet (SEED,

WIXED PANSY

FLOWERING

for

order

each

With

\$1.00 COLLECTION

AT THE LOW PRICE AT WHICH THE COLLECTION'S SOLD, WE CAN ALLOW NO CHANGES

- 1-REANS-Rustmoof Dwarf Wax. Yellow pods, very early.
- 2 -BEANS-Golden Cluster-Best pole or corn bean in the world.
- 3-BEET-Arlington Favorite-Very early and good.
- 4-BEET-Dewings Blood Turnip-Best general use.
- 5-CABBAGE-Extra Early Jersey Wakefield.
- 6-CABBAGE -Succession. Best medium late.
- 7-CELERY-Giant Pascal. Very crisp.
- 8-CELERY White Plume. Self-blanching. 9-CORN-First of All. Earliest sweet corn.
- 10-CORN-Livingston's Evergreen. Sweetest. Best main crop.
- 11-CUCUMBER-Livingston's Evergreen. Best all purpose.
- 12-CUCUMBER-Early Cluster Best forcing. Best early pickles.
- 13-LETTUCE-Curled Simpson.
- 14-LETTUCE-Hanson. Best all seasons.
- 15-WATERMELON-Ice Cream. Quality can't be beat.
- 16-WATERMELON-Dixie. Best shipper. Choice.
- 17-MUSKMELON-Extra Early Hackensack. A No. 1.
- 18-ONION-Yellow Danver Globe. Best general crop. 19-ONION-White Silverskin. For table and pickles.
- 20-PEPPER-Ruby King. Sweet. Largest of all.
- 21-PARSNIP-Hollow Crown. Standard everywhere.
- 22-PUMPKIN-Sweet or Pie. Best table.
- 23-PEAS-Livingston's First in Market.
- 24-PEAS-New Shropshire. Immense pods. Excellent quality.
- 25-RADISH-Long Scarlet. Good for early.
- 26-RADISH-New Chartiers. Best early or late.
- 27-RADISH-Livingston's Mixture.
- 28-SQUASH-Mammoth Scallop. Summer.
- 29-SQUASH-Orange Marrow. New. Very fine.
- 30-TOMATO-Livingston's Beauty. None better.
- 31-TOMATO-Gold Ball. New. Fine. "O. K."
- 32-TURNIP-Purple Top, Strap Leaf.

16 PACKETS FOR 60 CTS.—We will send Nos. 1, 4, 6, 7, 10, 11, 14, 16, 17, 18, 20, 21, 23, 27, 29 and 30, FOR ONLY 60 CENTS.

TWO COLLECTIONS, \$1.75. THREE FOR \$2.50.

CACTUS COLLECTION.



IO CURIOUS CACTUS PLANTS **C**

A fine collection of mixed Cacti especially selected for free-blooming and fine display. They require absolutely no care and will grow for months without watering, increasing in value yearly. The plants sent by us will all be distinct, and if ordered early in the season and planted in very sandy soil, will give great satisfaction.

FOUR PLANTS FOR 50 CENTS. TEN PLANTS FOR \$1.00.

Old Man Cactus (Pilocereus Senills)—This is one of the curiosities of plant life that attracts the greatest attention. If you have room for only one Cactus, by all means get this one. It is covered with very long, silky white hairs, often drooping below the rim of the pot, and giving it the appearance of the venerable white head of an aged person. Plants, (postpaid), 75 cents each.

Seeds of Cacti. We furnish a liberal packet of 15 cts. Printed directions for growing with each packet. Mrs. H. C. T., Iona, Mich., writes:—"From the package of seed bought of you, I raised 500 dainty little gems."

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Try AMERICAN GARDENING One Year, Only \$1.00. A valuable paper (in magazine form) and ing to Gardening such as new methods of growing Onions, Tomatoes, Celery, etc.; also Yegetable, House Culture and other good things too numerous to mention. Every number contains an item of information from some experienced grower which is well worth the \$1.00. We read to with a relish and most heartily endorse it and shall be pleased to accept subscription from customers at publisher's rates.

FREE FOR TRIAL. THOUSANDS OF PACKETS GIVEN AWAY AGAIN THIS SEASON.—These, are composed mostly of CHOICE NEW SEEDS with some good old stand-hys of our own selection, which shall be based somewhat upon the nature and size of the order sent in, we aim to send none but kinds of value, and we shall be pleased to have customers report the result of their trials. While we know the result of liberal treatnickle packet—PROMPT and CAREFUL ATTENTION, our Catalogue annually, and fair treatment while you remain a customer.

EXTRAS Sent out in former years have given such excellent results, judging by the many flattering reports received from our patrons all over the world, we are encouraged to keep it up.



-GENERAL LIST-

N this Department we aim to offer a complete list of all known varieties of real value, and ex-

clude exerything worthless; also to leave out an endless number of kinds for which there is no demand.

We are careful to avoid offering the same variety of seeds under different names; also to avoid using misleading descriptions.

MARKET GARDENERS, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write for our Special Price List. This list we cannot send to private gardeners, even if they apply for it, as it is intended only for those who grow for market. In writing please state whether you are a Market Gardener, Florist or Dealer in Seeds.

SEEDS POSTPAID BY MALL, PLEASE BEAR IN MIND that the prices in the following list include prepayment of postage by us on all seeds offered by the Packet, Ounce, Quarter Pound, Pound, Pint or Quart, unless otherwise noted. Thus you have only to send the catalogue price, and we guarantee safe delivery by mail, postage prepaid. If the seeds are to be sent by express, at the buyers expense, deduct eight cents for a pound, eight cents for a pint, and fifteen cents for a quart. Half-pounds supplied at bushel rates. at pound rates; half-bushels at bushel rates.

PACKET SEED DISCOUNTS. This does not refer to seeds offered by weight or measure, but to seeds in packets only; nor does it refer to potatoes, onion sets or bulbs.

FOR 25 CENTS you may select 6 five cent packages of Vegetable or Flower Seeds. FOR 50 CENTS you may select 13 five cent packages of Vegetable or Flower Seeds.

FOR \$1.00 you may select Seeds in Packets (no ounces, remember), to the amount of \$1.30 FOR \$2.00 you may select Seeds in Packets (no ounces, remember), to the amount of \$2.75 FOR \$5.00 you may select Seeds in Packets (no ounces, remember), to the amount of \$7.25

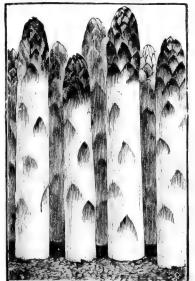
BULK SEED DISCOUNTS. This discount refers to Seeds quoted in catalogue by On an Order of \$5.00. 10 per cent. weight or measure, and not to potatoes, onion on an Order of \$10.00. 12 per cent. sets or bulbs, as some understood it last season, neither to seeds in packets:

On an Order of \$20.00. 15 per cent.

ASPARAGUS.

One of the earliest spring vegetables, and one that would be in more general use were it known how easily it can be grown. It can be grown in any good garden soil, but does best in moist, sandy soil.

To grow plants from seed sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or following spring the plants may be set out in beds six feet wide, with a path two feet wide on each side; set the plants about a foot apart each way, with the plants four inches below the sur-face. The deeper the soil and the more manure used the greater the crop. nually, after the last cut-ting, the bed should be given a liberal top dress-ing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover the beds with four inches of coarse, strawy manure, which should be removed in the spring. A bed 6x60 feet is ample for an ordin-A bed 6x60 ary family, and when well established is good for twenty years.



One ounce of seed sows 60 feet of drill; about 400 plants to the ounce. Conover's Colossal-A large and rapid grower of excellent qual-

ity. Lb., 50c.: ½1b., 20c.: oz., 10c.; pkt., 5.

PALMETTO—Claimed to be an earlier, better yielder and more even grower than the Colossal. Lb., \$1.00: ½1b., 30c.; oz., 10c.; pkt., 5c.

BARR'S MAMMOTH—A fine variety: outsells all others in some markets. The stalks are very large and uniform, grows very quick, and is very light in color. Lb., \$100: ½1b., 30c.; oz., 10c.; pkt., 5c.

ASPARAGUS ROOTS.

By purchasing Good, Strong Roots, one or two year's time is saved. Colossal—By mail (postpaid), 50 roots, 75c.: 100 roots, \$1.25. By express (not prepaid), 100 roots, 90c.; 500 roots, \$3.00; 10 0 roots, \$5.00,

Palmetto—By mail (postpaid), 50 roots, 80c.; 100 roots, \$1.50, By express (not prepaid), 100 roots, \$1.00; 500 roots, \$3.75; 1000 roots, \$7.00,

Barr's Mammoth—By mail (postpaid), 50 roots, 80c.; 100 roots, \$1.50. By express (not prepaid), 100 roots, \$1.00; 500 roots, \$3.75; 1000 roots, \$7.00. Special Prices for larger quantities of any of the above roots.

ARTICHOKE.

The Globe Artichoke is grown for its flower heads, which are cooked The Globe Artichoke is grown for its flower heads, which are cooked like asparagus. It is perennial, hardy, and eas ly cultivated, hence should be more generally grown. Seed can be sown in hot beds and transplanted into pots, or so as to give plenty of room until danger from frost is past, and then transplanted into very rich ground, three feet apart each way, or the seed can be sown outside early in April in a rich seed bed in drills one inch deep, twelve inches apart, thinning, when up, to four inches apart in rows, but in that case will not likely produce heads the first season. Protect in winter with a slight covering of manure or leaves, put on late in the fall after cutting off the old tops. The second season they will form heads about July 1st. Once established they will remain bearing for years.

Large Clobe-Lb., \$3.00; 1/4 lb., 80c.; oz., 25c.; pkt., 5c.

TUBEROUS-ROOTED ARTICHOKES.

Are entirely distinct from the Globe Artichoke described above, and are grown exclusively for their large tuberous (potato-like) roots.

Jerusalem Artichoke-Well known throughout the country, roots are esteemed for pickling, and is a profitable crop to grow for feeding hogs. **Tuber3**, (postpaid), per lb., 39c.; 3 lbs., 75c. By express or freight, (not prepaid), per peck, 60c.; per bushel, \$2.00.

Please order as soon after you get this Cata-ORDER EARLY. Please order as soon after you get this Cata-logue as pessible, and then you will have your seeds at hand for planting when you want them, besides if you want heavy seeds in large quantities they can be sent by freight very cheaply.

Bexar, Texas, (July 28, 1892)—6 For three years I have been trying your seeds and find the quality to be good. All Leading Garden-ers here use your seeds, and I have not heard a single complaint. All customers may rest assured that they will receive what they order with prompt attention. 6—C. W. C.



DWARF OR BUSH.

Beans are tender and should not be planted until danger from frost is past, and the ground becomes warm. Plant in drills three or four inches

apart in the row, and rows three feet apart. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil.

One quart 100 feet of drill, two bushels to the acre.

REMEMBER! That WE PAY I the prices quoted. That WE PAY THE POSTAGE on Beans at

LARGE PACKETS.-Customers write us that our packets contain more seeds than others.

QUART AND PINT PRICES include postage; if to go by express at buyer's expense, deduct 15 cents per quart, or 8 cents per pint, from the prices below.

om the prices below.
BUSHEL AND PECK PRICES see Special Page at end of this list.

GREEN POD VARIETIES.

EXTRA EARLY ROUND POD VALENTINE—At least ten days earlier than the Early Valentine and usually ready to pick in 35 days after planting. The pods are round, thick and fleshy, of finest quality and unequaled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt., 10c.: pt., 25c.; qt., 45c.

EARLY MOHAWK-First early; none better for first planting; productive; very hardy, almost frost proof; can be used when half grown. Pkt., 10c.; pt., 25c.; qt., 45c.

EARLY WARWICK-One of the earliest, if not the earliest Green Bush sort, it will give a picking of pods four inches and over in forty-three days from planting; pods stringless; remarkably early; a heavy cropper; suitable for shipping long distances. Pkt., 10c.; pt., 25c.;

LONG YELLOW SIX WEEKS-A fine early string bean. Pkt., 10c.;

IMPROVED DWARF HORTICULTURAL—(GODDARD, BOSTON FAV-ORITE.)—Early: excellent for market; splendid shell bean. Pkt., 10c.; pt., 30c.; qt., 50c.

REFUCEE OR THOUSAND TO ONE-Hardy, abundant bearer, flesh thick and tender; none better for picking. Pkt., 10c.; pt., 20c.; qt., 40c.

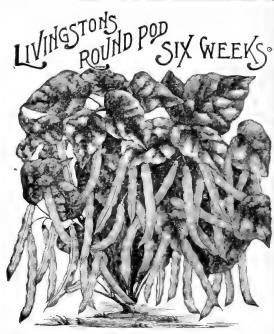
PRIDE OF NEWTOWN-New extra early Flat Bean; claimed to be one of the earliest and most proline grown. Of robust growth; very long, light green, flat pods; should have plenty space in rows. Pkt.,

BEST OF ALL DWARFS-Pods long, very fleshy, succulent, stringless and of rich flavor; are produced early and abundantly. One of the most valuable green-podded beans for market or family use. Pkt., 10e.: pt., 25c.: qt., 45c

BROAD WINDSOR-The best English variety. Pkt., 10c.; 1/6 pt., 15c.; pt., 25

CREEN FLACEOLET OR WONDER OF FRANCE-Long. straight, bright green pods; retains its beautiful green color even when cooked; early; productive; one of the finest shell beans. Pkt., 10c.; pt., 30c.;

RHODE ISLAND DWARF CASEKNIFE—A continual bearer. ceedingly early, tender, and of fine flavor; pods very long and broad. Pkt., 10c.; pt., 25c.; qt., 45c



LIVINGSTON'S ROUND POD SIX WEEKS-This variety is, we believe, the best green podded snap Bean on the list. It is not only extra early, but is a good, strong grower and abundant cropper. There is no green podded sort that can a proach it in freedom from strings. Will be a favorite with Market Gardeners because, while it has all other good points, it is suberior in quality to any snap bean grown. Pkt., 10c.; ½pt., 15c.; pt., 30c.; qt., 50c.

EMPEROR WILLIAM—Produces in great profusion immense flat green pods, exceedingly early and of splendid quality. The largest podded of all bush varieties. Pkt., 10c.; pt., 20c.; qt., 40.

FIELD VARIETIES.

WHITE KIDNEY (ROYAL DWARF)—An excellent shelled bean, green or ripe. One of the best for winter use. Seeds large, white, kidney-shaped. Pkt., 5c.; pt., 20c.; qt., 35c.

PROLIFIC TREE—Very prolific variety; one bean should be planted in a hill A greatim provement upon the ordinary White Navy. Small, white; one of the best dry beans. Pkt., 5c.; pt., 20c.; qt., 30c.

BOSTON SMALL PEA—Very early, hardy and prolific; white pods, generally in clusters of four. Pkt., 5c.; pt., 20c.; qt., 35c.



EXTRA EARLY REFUCEE-Has all the good qualities of the famous Refugee: immense yielder: sure to produce a good crop in either wet or dry season. Pkt., 10c.: pt., 25c.: qt., 45c.

We can supply the following well-known varieties of Beans at the uniform price of 10c. per packet, 25c. per pint, 45c. per quart.

White Valentine, Low's Champion, Dwarf Horticultural, Burilngame Mediums,

Ne plus Ultra, Early China, White Marrow, Dwarf Navy.

DWARF WAX OR YELLOW POD VARIETIES.

RUST PROOF GOLDEN WAX—This is certainly the Wax Bean now on the market. It is hardier, much more prolific, holds its pods up better, and is of better quality. The pods are straighter, longer and thicker than the ordinary Golden Wax, and are rust proof. Pkt. 10c.; ½ pt., 15c.; pt., 30c.; quart, 55c.

YOSEMITE MAMMOTH WAX—the monster pods of age 10 to 14 inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious. They are of a rich golden yellow, a vigorous grower, covering the ground with its heavy foliage in such a manner as to shade the earth and keep it moist; enormously productive. We recommend it to our customers as a very desirable variety. Pkt. 10c.; ½ pt. 20c.; pt. 35c.; qt. 65c.

CHALLENGE DWARF BLACK WAX—This new and disone week earlier than any other Wax Bean, while its vigor and productiveness leave nothing to be desired. The pods are large and of good color, grow uniform and well together; none better for first early crop. Pkt., 10c.; pt., 25c.; quart, 45c.

NEW SPECKLED WAX—A little later than Black Wax, but continues longer in bearing than any other bush bean; wonderfully productive and EVERBEARING. The long, cylindrical pods are crisp and tender. Color, when young, clear, waxy, light yellow, but as the pods mature they become splashed with carmine, making it very beautiful and attractive; easily shelled. Pkt., 10c.; ½ pt., 15c.; pt., 25c.; quart, 50c.

DETROIT WAX—A very handsome and hardy wax variety. Plants erect, bearing their pods near the center, often throwing them above the foliage; the pods are straight and flat, broader, and a little longer than the common Golden Wax. Pkt., 10c.; pt., 25c.; quart., 50c.

COLDEN-EYED WAX—The remarkable beauty and manner of growth of this new variety makes it very popular. Extremely early and vigorous, growing very rapidly, and yields a great profusion of tender, succulent pods, of beautiful waxy appearance; its flavor is unexcelled. Pkt., 10c.; pt., 25c.; quart, 50c.

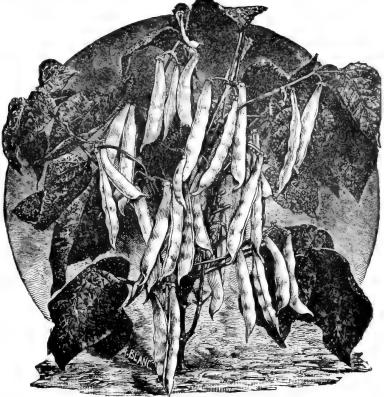
FERRY'S COLDEN WAX—A very early, stringless beau of golden wax color, of excellent quality; extensively used by market gardeners. Pkt., 10c.; pt., 20c.; quart, 49c.

BLACK-EYED WAX—One of the earliest wax beans in cultivation. The pods are long and beautiful in color, very tender and of fine flavor; very productive and a vigorous grower. Pkt., 10c.; pt., 25.; quart, 45c.

WHITE-SEEDED WAX—An excellent snap bean; also fine for shelling; seed pure white. Pkt., 10c.; pt., 25c.; quart, 45c.

WARDWELL'S KIDNEY WAX—Vine of medium size, erect, hardy and productive. Pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless. Beans large, kidney-shaped, white, with dark markings about the eye. A first-class snap bean, and a good winter shell sort: the yield exceeds that of the common Golden Wax, and is equally early. Pkt., 10c.; pt., 25c.; quart, 45c.

CERMAN BLACK WAX—Early, stringless, pods round, waxy-yellow, solid and tender. Pkt., 10c.; pt., 20c.; quart, 40c.



RUST PROOF GOLDEN WAX.

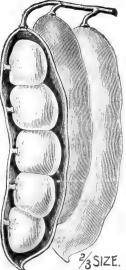
PROLIFIC CERMAN WAX (CYLINDER POD)—An improved strain of Black Wax, having longer, whiter, and more fleshy pods, and being much more productive. Pkt., 10c.; pt., 25c.; quart, 45c.

CRYSTAL WHITE WAX—A distinct variety; one of the best. Quick to mature, slow to harden, retaining their juicy, succulent flavor for days after they are ready to pull. The pods are ivory white, of good size, round, and very fleshy. Pkt., 10c.; pt., 30c.; quart, 55c.

SCARLET FLACEOLET WAX—The most showy of all wax varieties. As early as the Black Wax, and nearly always exempt from rust. The plants are large, erect, very productive; pods of extra large size, quite often a foot in length. Pkt., 10c.; pt., 25c.; quart, 45c.

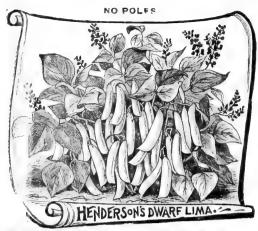
VIOLET FLACEOLET WAX (PERFECTION WAX)—Plant very large. Pods long and large, longer than those of the Scarlet, and more twisted. A little later than the Scarlet, but distinctly larger. Pkt., 10c.; pt., 25c.; quart, 45c.

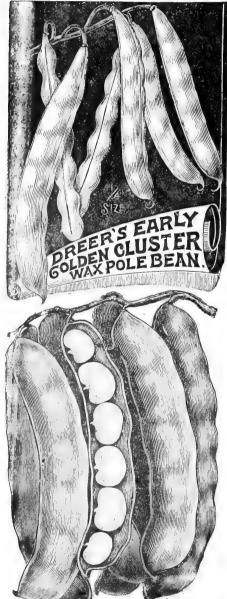




Dreer's Dwarf or Bush Lima Beans.

This is a bush form of the Dreer's Lima Pole Bean. being vastly superior in flavor to the dwarf varieties of the Sieva Lima of recent introduction. It grows about two feet high, and is of vigorous branching habit, maturing early and is very productive. The beans, in a green state, are not quite as large as the Large Lima, but grow closer together in the pods, are thicker, sweeter, more tender and succulent and remain green after matuaing. This remarkable bean was distributed only to a limited extent last year, but has fully confirmed our good opinion of its merits. Planted on May 30th, it matured August 21th, ten days ahead of Dreer's Improved Pole Lima planted at the same time. The pods of the Bush varieties were equally as large and full. Many of the pods contained five beans, and nearly one-half contained four. Many specimen plants were received last fall bearing from 100 to 185 pods. It should be planted in rows two feet apart, and the plants one foot apart in the row. One point alone is sufficient to a hill Pkt, 20c., 3 pkts., 50c, 7 pkts., \$100





LIMA POLE BEANS.

DWARF LIMA BEANS-Continued.

HENDERSON'S DWARF OR BUSH LIMA-Grows without the aid of stakes or poles in compact bush form, about 18 inches high, and produces enormous crops of delicious Lima Beans which can be as easily gathered as the common bush sorts. It is at least TWO WEEKS EARLIER than any of the climbing Limas. This fact alone would stamp it as the most valuable novelty of recent years, but when, in addition to this, we consider that it is a true BUSH BEAN, requiring no supports, and is a continuous This fact alone would and abundant bearer until frost, some idea of its great value can be realized. Pkt., 10c.; ½ pt., 15c.; pt., 30c., quart, 55c.

BURPEE'S BUSH LIMA-See Novelties.

BEANS-POLE OR RUNNING.

POLE BEANS are more tender and require more care in culture than the bush beans, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving a space in center for pole.

One quart makes 100 to 200 hills, according to size of beans. 10 to 12 quarts plant an acre.

REMEMBER! That WE PAY THE POSTAGE on Beans at the prices quoted.

LARGE PACKETS - Customers write us that our packets contain more seeds than others

QUART AND PINT PRICES include postage; if to go by Express, at buyer's expense, deduct 15c. per quart, or 8c. per pint, from the prices below.

BUSHEL AND PECK PRICES, see Special Page at the end of this list.

COLDEN CLUSTER WAX-Undoubtedly the earliest pole variety. gins to bear early it continues until frost. Everyone is surprised at their beautiful appearance and productiveness. The pods are from six to eight inches long, borne in clusters of from three to six, and are most freely produced; stringless, very tender, and of delicious flavor. Pkt., 10c.; pt., 30c.; quart, 55c

WHITE CREASEBACK-An extremely early green pod bean which cannot be praised too highly. It is a good grower, vines small to medium and exceedingly productive; the long pods are produced all over the vine, in clusters of from 4 to 12; perfectly round, with a crease in the back; stringless, very fleshy, and of fine quality. Pkt., 10c.; pt., 25c.; qt., 45c.

RED CIANT WAX—Long, yellowish-white waxen pods, thick, fleshy and tender, and fine flavored. Pkt., 10c.; pt., 25c.; quart, 50c.

White Dutch Case Knife—One of the earliest: a splendid green shell bean, also a fine dry bean for winter use; very productive; a good bean for planting among corn. Pkt., 10c.; pt., 25c.; quart, 45c.

LAZY WIFE'S-The pods grow from six to eight inches long, entirely stringless and of a rich buttery fiavor when cooked. The pods remain green and retain their tender, rich flavor until nearly ripe. Unsurpassed as white shell beans for winter use. Pkt., 10c.; pt., 30c.; quart, 55c.

SOUTHERN PROLIFIC—A very prolific sort, popular in the South; pods green, cylindrical, long, fleshy, crisp and excellent. Pkt., 10c.; pt., 25c.; quart, 55c.

KENTUCKY WONDER—A very prolific sort, bearing its pods in large clusters; pods reen, often reaching nine or ten inches, nearly round when young, and very crisp. Pkt., 10c.; pt., 30c.; quart, 55c.

RED SPECKLED CUT-SHORT, OR CORN HILL-An old variety, very popular for planting among corn, and will give a good crop without poles; vines medium, not twining tightly; pods short, round and tender. Pkt., 10c.; pt., 30c., quart, 55c.

POWELL'S PROLIFIC-This bean is a most rampant grower, one plant filling a pole with a mass of vines densely loaded with beans; almost a solid mass of pods from the bottom to the top of the pole. The handsome green pods average eight or nine beans to the pod, grow very uniform, about six inches long; perfectly stringless, very thick mented, tender, rich and buttery; everbeaving, and very profitable for market gardeners. Pkt., 10c.; pt., 35c.: qt., 60c.

HORTICULTURAL, OR SPECKLED CRANBERRY-Round, speckled bean, tender for snap beans. This old favorite is not excelled for shelling and succotash. Pkt., 10c.; pt., 25c.; quart, 45c.

YARD LONG, OR CUBAN ASPARACUS BEAN-This is quite a curiosity. bean, with dark green foliage, and pods growing two feet and trward in Length. The pods. of such extraordinary length, are produced very abundantly. Per pkt., 10c.

White Dutch Runner-An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean. Pkt., 10c.; pt., 25c.; quart, 45c

Scarlet Runner—Produces clusters of beautiful scarlet flowers, principally grown for ornament; they can also be used as a shelled bean. Pkt., 10c.; pt., 25c.; quart, 45c.

POLE LIMA BEANS.

Lima Beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

The beans are nearly as large and equally as good as the late EXTRA EARLY JERSEY-DREER'S IMPROVED—Vines vigorous and productive; pods short, broad, straight and coarse; beans larger and much thicker than ordinary Limas. Pkt., 10c.: pt., 25c.; quart., 45c.

CHALLENCER LIMA-Similar to, but a decided improvement on Dreer's Improved; more prolific, pods and beans larger, of the same shape. It is early and continues bearing its closely crowded clusters of pods until frost. Pkt., 10e,; pt., 25e., quart, 55e.

FORD MAMMOTH-PODDED—Pods from six to nine inches long, produced in large clusters, and containing from five to seven beans each; of excellent quality for using either green or dry. Pkt., 10c.; pt., 35c.; quart, 60c.

LARCE WHITE—Considered by many the most delicious of the bean family. A general favorite for home use or market. Pkt., 10c.; pt. 25c.; quart, 45c.

Small White (CAROLINA SEEWEE OR SIEVA)-Resembles the Large Lima, but has smaller leaves and seeds. Is earlier and more hardy. Pkt., 10c.; pt., 20c.; quart, 40c.

KINC OF THE CARDEN—A vigorous grower, bearing profusely, large pods varying in length from five to eight inches; beans large and of rich flavor. Pkt., 10c.; pt., 30c.; quart, 55c. MAMMOTH KIDNEY-SHAPED-The beans are extra large and fine every way. Pkt., 10c.; pt., 30e.; quart. 550

BEETS. THE SOIL which is best suited for the currer of the decision that which is rather light, provided it is thoroughly enriched with manure. If wanted very early, sow in hot beds and transplant; but for main crop sow in the spring TABLE as soon as the ground becomes fit to as soon as the ground becomes inches work, in drills about eighteen inches apart and two inches deep. For winter use, the turnip varieties may be sown in June. When the plants have attained three or four inches, thin BEETS. out so that they stand five or six inches apart. Keep free from weeds by frequent hoeing and hand weeding, if neces-sary. Before freezing weather sets in, the roots may be stored in cellars or pits, as potatoes. Be very careful not to bruise them in handling One ounce of seed to 50 feet of drill, 5 to 6 pounds to the acre. NEW LENTZ-Has a very small top; origin-ated with a market gardener near Philadeli CROSBY ECLIPSE. It is about as early as Egyptian, producing a roop in six weeks from time of planting, but is larger and of better quality. Lb., 75c., ½ lb., 25c.; oz., 10c.; pkt., 5c. DEWING IMPROVED BLONIP TURNIP EGYPTIAN.

CROSBY'S IMPROVED ECYPTIAN-Extra Farly-A very supe-CROSBY'S IMPROVED ECYPTIAN—Extra Farly—A very superior strain, carefully selected for years by Mr. Crosby, a noted market gardener, whose ain was to secure a perfect forcing variety. The results obtained, were, handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, or so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Once used it is preferred to All. Others for forcing in frames or for first sowing outside. Many of our market gardeners place their orders of to 25 lbs.) several months ahead, so as to be sure of it at planting time. It is a very good variety for family use. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

ECLIPSE—A very early and handsome smooth dark, globe-shaped

ECLIPSE—A very early and handsome smooth dark, globe-shaped beet with small top; in earliness and quality it is very desirable. Pkt. 5e.: oz., 10e.; ½ lb., 20e.; lb., c0e.

Egyptian—Very early dark blood red of medium size: tender and sweet; used for forcing. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

MITCHELL'S BLOOD TURNIP—Early: small tops; deep red; desirable for forcing. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

DEWING'S IMPROVED BLOOD TURNIP—Best main crop variety. Roots smooth and handsome, good size, tender and sweet. A great favorite with marketmen. Our stock of this is grown from SELECTED BEETS and is unexcelled by any in the country. Pkt., 5c.; oz., 10c.; ¼ 1b., 20e.; 1b., 60e.

Early Blood Turnip—Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

Early Flat Red Bassano—Pkt., 5e.; oz., 10e.; 1/4 lb., 20e.; lb., 60e.

BASTIAN'S EARLY BLOOD TURNIP—Quite early; blood red color; smooth; fine form. Pkt., 5c., oz., 10c.; ½, 1b., 20c.; 1b., 60c.

BASTIAN'S HALF-'LONG BLOOD -Bright color; excellent quality; valuable to follow Bastian's Early. Pkt. 5c.; oz. 10c.; 1/4 lb. 20c.; lb. 60c.

IMPROVED LONG DARK RED—A good keeper, and grown especially for winter use. Pkt., 5c.; oz., 10c.; ½ 1b., 20c.; 1b., 60c.

Pineapple—An excellent half-long variety; foliage dark red; roots rich, dark crimson color. Pkt.; 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c. EDMAND'S TURNIP—Deep red in color; round and smooth; good size; small top; very early and decidedly popular. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lh., 65c.

SWISS CHARD—Silver or Sea-Kale Beet—Cultivated for its leaves. The mid-rib is stewed and served as asparagus, other portions of the leaf being used as spinach. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 65c.



GOLDEN TANKARD

MANGEL WURZEL AND SUGAR BEETS. Grown for Feeding Stock.

The value of these for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immense crops per acre. Five or six pounds of seed required per acre.

COLDEN TANKARD-An extremely desirable and comparatively new variety which is fast superseding the old sorts. Flesh bright yellow, and in this respect differs from all other varieties, which cut white. Oz., 5c.; ½, lb., 15c.; lb., 40c. By express—lb., 35c.; 5 lbs. at 30c.

YELLOW OVOID—Intermediate between the Long and Globe varieties, Oz. 5c.; 14 lb. 15c.; lb. 40c. By express-1b., 30c.; 5 lbs. at 25c.

COLDEN CIANT INTERMEDIATE (Yellow Leviathan)—A decided improvement on Yellow Ovid. Beautiful russet-yellow color; remarkably even in shape; smooth skin; the flesh is white, firm and sweet. Produces enormous crops and is an excellent keeper. Oz., 5c.; ½ 1b., 15c.; 1b., 50c. By express—lb., 40c.; 5 1bs. at 30c.

Champion Yellow or Orange Clobe—Very productive, easily pulled, and an excellent keeper; spherical in shape; orange-yellow. Oz., 5c.: 14 lb., 15c.; lb., 40c. By express—lb., 35c.; 5 lbs. at 30c. Red Globe-Similar to the Yellow Globe, differing only in color. Oz., 5c.: 14 lb., 15c.: lb., 40c. By express—lb., 35c.; 5 lbs. at 30c.

MAMMOTH LONG RED (also called Norbitan Giant, Jumbo Mangel, Colossal, etc.)—A large, well-formed variety; blood-red color; quality exceedingly nutritions. Oz., 5c.; 14 lb., 15c.; lb., 40c. By express—lb., 35c.; 5 lbs. at 30c.

Mammoth Yellow—Resembles Mammoth Red in all points except color, which is a bright orange

yellow. Oz., 5c.; ¼ lb., 15c.; lb., 40c. By express—lb., 35c.; 5 lbs. at 30

(SEE SUGAR BEETS NEXT PAGE.)



Newark, 0, (Nov. 12, 1892.)—"The Egyptian Beet is as good as any we have had. Think your Crossy's Improved far ahead of it; it gives more marketable beets than any other, and holds its size later in the season."—A. J. B.

Greenland, Fla. (Oct. 21, 1892.)-" YOUR SEEDS ALWAYS GIVE PERFECT SATISFACTION."-Y. L. C

Mansfield, O. (Nov. 10, 1892), - "Crosby's Improved Egyptian Plet, I was well pleased with, and would like some of the same seed for next season."—(EEO, B.

South Charleston, O. (Nov. 12, 1892.)-" THE ECLIPSE BEET seed bought of you last spring were FIRST-CLASS. Had a good crop and they sold well."—C. S. B.

VILMORIN'S IMPROVED IMPERIAL-A medium sized white sugar beet, brought by the most careful selection to the highest perfection, both in shape, size and color of the roots. Greatly esteemed by sugar manufacturers. Oz., 5c.; ½ lb., 20c.; lb., 60c. By express, lb., 50c.; 5 lbs., \$2.25.

FRENCH RED TOP-Ripens early and yields large returns in sugar per acre; heavy cropper. Oz., 5c.; ½ lb., 15c.; lb., 40c. By express, lb., 35c.; 5 lbs., \$1.50.

BRUSSELS SPROUTS.

This is one of the most delicious of all vegetables, and of easy growth. This is one of the most deficious of an vegetables, and of easy growth, but is not so well known in America as it deserves. Produces on the stem small heads resembling miniature cabbages. The sprouts are used as greeus, and become very tender when touched by the frost. Sow in May, and manage as winter cabbage. In the fall the leaves should be broken down so that the little cabbages will have more room to grow.

SUTTON'S MATCHLESS—The leaves are smaller; pale green color; stand out well from the stem. The buttons are large and solid and of delicious flavor, and come into proper condition for use two or three weeks ahead of other sorts. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2 50.

Improved Dwarf—A standard variety, producing compact sprouts of fine quality. It seldom fails to produce sprouts, and is a good keeper. Pkt., 5c.; oz., 25c.; ½ lb., 60c.; lb., \$2.00.

BROCCOLI.

PURPLE CAPE—Sow thinly in seed beds about the middle of spring, and transplant and culiivate the same as winter cabbage. Produces heads very nearly like Cauliflower, but more hardy. This variety has large, close heads of a brownish-purple color and good flavor, and is the best for our climate. Pkt., 10c.; oz., 30c.; ½ lb., \$1.00; lb., \$3.75.

SUGAR BEETS.

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a larger amount of sacharrine matter. Thousands of

acres are planted with Sugar Beets in Europe for the manufacture of sugar. They are excellent for feeding cows, improving wonderfully the quantity and also the quality of the milk.

LANE'S IMPROVED IMPERI-

AL-An American variety, and the best for the uses such beets are put to in this country. It is not so sweet as the French Sugar beets grown es-

occially for Sugar making, but the roots are longer and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle feeding (See cut.) Oz., 5c.; ½ lb., 15c.; lb., 45c. By express lb., 35c.; 5 lbs., \$1.50.

FRENCH YELLOW—Grows to a large size, much above ground; roots half long, yellow; grown in this country for feeding stock. In France it is cultivated extensively for sugar. Oz., 5c.; 1/4 lb., 15c.; lb., 45c. By express, lb., 35c.; 5 lbs., \$1.50.

COLLARDS.

A plant of the cabbage family. It is well adapted to the South, enduring extreme heat; very popular; excellent for greens.

True Southern-Pkt., 5c.; oz., 10c.; 1/4 lb., 35c.; lb., \$1.15.

CRESS OR PEPPER GRASS.

A well-known pungent salad; can be used alone or with Lettuce. Requires to be sown thickly (covering very slightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

CURLED CARDEN—Very fine; may be cut two or three times. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

UPLAND CRESS-It is a hardy perennial, stays green nearly the whole year and is ready for use before any other salad in the spring. Eaten like Lettuce or boiled like Spinach. It has the highly prized flavor of the Water Cress. Pkt., 5c.

WATER CRESS—This is a well-known hardy perennial aquatic plant, sold in immense quantities in our markets in spring. It is easily grown by planting along the margins of ponds and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00.

CAULIFLOWER. The culture of Cauliflower is similar to Cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot bed in January or February, and transplant the plants two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are fifteen inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly as it may be injured by a check at any period of its growth. One ounce gives 1,500 to 2,000 Plants. No seed is more important than Cauliflower. Price should not be considered.

LIVINGSTON'S EARLIEST (SELECT STOCK)—THE BEST OF ALL FOR FORCING, a compact grower, EXTREMELY EARLY, SURE HEADING; heads large, solid, and as "WHITE AS SNOW." Gardeners who have tested this fine stock prefer it to any other and pronounce it the most profitable variety for forcing under glass, and equal to any for late planting. In short, it is an excellent ALL SEASONS CAULIFLOWER.

Price under our TRUE BLUE SEAL—Pkt., 25e.; ½ oz., \$1.00:

Tecumseh, Nich., July 23, 1891.— "Seeds purchased of you did remarkably well, especially Caulillower. We have about six acres of it. We think we cannot raise "Blue Ribbon" Celery without "True Blue Seeds." We had one of the finest Celery Plant beds around bere: have sold about to many different parties." here; have sold plants to many different parties.'

From J. W. Pullinger, Gardener for the Insane Asylum.— "I send you sample heads of different Caulillowers, grown from seeds procured of you. I never saw better, either in England or this country, and find Liv-ingston's Earliest Dwarf equal to any for forcing, not excepting the well-known Snowball; heads a trifle larger.

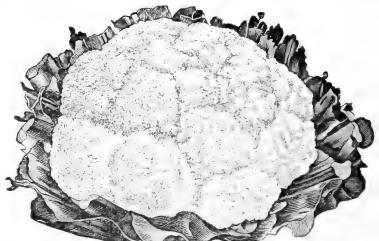
Circleville, O., May 21, 1890 .- "You have got hold of one of the finest Cauliflowers I have ever seen: smooth, close, white and tender."—O. E. Nills.

HENDERSON'S EARLY SNOWBALL-One of the best types of HENDERSON'S EARLY SNOWBALL—One of the best types of Caulillower on the market. If planted March 1, large-sized heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that the plants may be set from eighteen to twenty inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. Our stock cannot be excelled in quality. Pkt., 25c.; 4oz., 85c.; oz., 85.00; ¹⁴ lb., 510,00.

HALF EARLY PARIS OR NONPAREIL—The largest for forcing conly also good for succession crop. Pkt., 5c.; ¹⁴ oz., 25c.; oz., 65c.;

early; also good for a succession crop. Pkt., 5c.: ½ oz., 25c.; oz., 65c.; ½ (b., \$2.0); lb., \$7.00.

LENORMAND'S SHORT STEMMED-A large, late, short stemmed variety, producing well-formed heads of excellent quality. Pkt., 10c; 24 oz., 25c.; oz., 75c.; 14 lb., \$2.25; lb., \$7.50.



LIVINGSTON'S EARLIEST CAULIFLOWER

LARCE LATE ALCIERS-Well known as the VERY BEST LATE VARI-ETY; popular with canners and market gardeners everywhere. Never fails to produce large white heads. Pkt., 10c.; ½ oz., 25c.; oz., 75c.; 14 lb., \$2.50; lb., \$8.00.

EXTRA EARLY DWARF ERFURT-The favorite German variety Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. Pkt., 20c.: $\frac{1}{4}$ oz., 75c., oz., $\frac{2.5}{14}$ lb., $\frac{8.00}{14}$.

VEITCH'S AUTUMN CIANT—The heads are beautifully white, large, firm and compact, and being thoroughly protected by the foliage, remain long fit for use. A good sort to plant in the South. Pkt., 5c.; oz., 65c.; oz., 65c.; oz., 65c.; oz.

VERY EARLY ETAMPES—The earliest of all cabbages except Express. Heads oblong, rounded at top, solid and firm, medium size very fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

New Straitsville, O. (March 3, '92)-" The TEMPES CABBAGE Seed sent me last year produced the very best heads of early cabbage I ever grew, producing large, compact heads ready for use on the 10th of July."—MARY J. P.

CABBAGE. This vegetable requires deep, rich, mellow soil, high maheads. For early use, sow seed of the early kinds in the hot bed, or in a box in the house, the last of January or carry in February and transplant them in the order ground heads. For early use, sow seed of the early kinds in the hot bed, or in a box in the house, the last of January or early in February, and transplant them in the open ground in April, in rows two feet apart and eighteen inches between the plants in the row; or sow a bed of seed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage, sow in April and transplant in May. For late calbage, sow in May and transplant in May, For late calbage, sow in May and transplant in July, in rows three feet apart and two feet apart in the row. In transplanting cabbage or cauliflower it is important that the plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir the ground deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent the splitting or bursting of cabbage go frequently over the ground and start every cabbage that appears to be about to mature, by pushing them over sideways, which breaks some of the roots and checks its growth. To prevent the attacks of cabbage fly on small plants, dust thoroughly with plaster, air-slacked lime, or use wood ashes, freely over the young plants. For the cabbage worm, try "Slug Shot." (See Insect Destroyers.)

One ounce of seed produces about 1500 plants. A half-pound grows "nough plants to set an acre.

pound grows >nough plants to set an acre.

Rome, Ga. (July 2, '92)—"I cut 700 of your Wakefield Cabbage today and they are as fine as I have ever seen. Began cutting two weeks ago (May 14.)"—J. W. N.



EXTRA EARLY EXPRESS CABBAGE

EXTRA EARLY EXPRESS—Cabbage

in the world-This new and very early cabbage, while not as large as the Jersey Wakefield, is several days earlier, and for a first early variety cannot be excelled. It resembles the Etampes in character and appearance, having solid, compact heads of conical form, of a yellowish green color, very dwarf and very uniform. Desirable as a quick forcing sort. Pk 5c.; oz., 20c.; ¼ 1b., 65c.; lb., \$2.50.

THE CHARLESTON, Or

Large Wake-field-This variety is a selection from the Early Jersey Wakefield,only about a week laser than that popular early variety; grows fully twice as large, head often ten averaging 15 to 181bs. Produces beads as large and solid as Winnigstadt being as large and as sure a header as that sort yet exceed-ing it in earli-ness; preferred to it by many



This vegetable

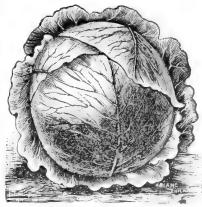
to it by many growers. Pkt., 10c.; 0z., 25c.; 1 lb., 80c.; 1 lb., 80c.; 1 lb., 80c.; 1 lb., 80c.; 1 lb., 83.00.

EARLY DRUMHEAD—An early variety, very dwarf, with medium sized heads; comes in about with the Early Flat Dutch. Pkt., 5c.; 0z., 20c.; ½ lb., 60c.; lb., \$2.00.

HENDERSON'S SUCCESSION-It about one week later than the Early Sum-mer, but of double the size, while it can be planted nearly as close its outer leaves being unusually short. of its characteristics is the fact that IT IS ALWAYS SURE TO HEAD. Pkt., 10c.; oz., 25c.; 14 lb., 75c.; lb., \$2.75.

FOTTLER'S PROVED, or SHORT STEM BRUNSWICK

—A rapid grower, has large, solid heads, and but few outside leaves. If planted early it is ready for use in July or August: planted late it is a choice winter sort, Pkt., 5c.; 6z., 20c.; ¼4b., 60c.; lb., \$2.



EARLY SUMMER CABBAGE.

HENDERSON'S EARLY SUMMER (Selected Stock)-Is about ten days later than the Wakefield, but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservmay be chased as declered, the best large early cannage, and it deservedly popular with market gardeners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer, without bursting open after heading, than any other variety we know of. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ½ 1b., 75c.; 1b., \$2.50.

EARLY JERSEY WAKEFIELD

Selected Stock) -Many market ardeners consider this the very best Early Cabbage in cultivation. It is certainly de-serving of its great popularity, and is grown very extensively for market and shipping. merits are many, among which may be mentioned its large size head for an early sort, small outside foliage, and its uniand its uni-formity in pro-ducing a crop. The heads are

EARLY JERSEY WAKEFIELD CABBAGE

pyramidal in shape, having a blunted or rounded peak. This is the sort mostly used for wintering over in cold frames. The seed we offer is first-class and sure to give satisfaction. Pkt., 10c.; oz., 25c.; ½ 1b., 80c.; 1b., \$3.00.

EARLY DWARF FLAT DUTCH-An excellent second early variety. producing fine large heads after the first-early varieties have disappeared. Highly valued, both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top; tender and fine grained. Pkt., 5c.; oz., 20c.; \(\frac{1}{2}\)4 lb., 60c.; lb., \$2.00.

LARGE EARLY YORK—One of the earliest; heads small, heartshaped; fairly firm; good quality. Pkt. 5e.; oz. 15e.; $\frac{1}{2}$ 4 lb. 3ec., lb. \$1.25.



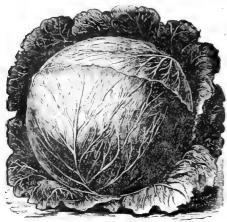
GREGORY'S CANNON BALL CABBAGE.

ALL SEASONS—A greatly improved strain of Early Flat Dutch. Heads very large, round, solid, and of the quality, keeping as well as the winter sorts. Plant very vigorous, but sure heading. Report of the state of the strain of the late of markable for its ability to stand the hot sun and dry weather. One of the very best sun and dry weather. One of the very best sorts for general cultivation. Pkt., 5c.; oz., 20c.; 14 lb., 60c.; lb., \$2.00. Early Louisville Drumhead-A

vorite about Cincinnati and Louisville, where it has been grown for over 35 years. Heads very large and solid: a sure head-er; will stand without bursting almost the entire summer. May be had for winter use by sowing later in the season, Pkt., 5c.: oz., 25c.: ¹/₄ lb., 75c.; lb.; \$2.75.

GREGORY'S CANNON BALL—One of the best of all early sorts; heads round, very hard, solid and heavy. Pkt., 5e.: oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Low's PEERLESS EARLY—Nearly equals the Wakefield in earliness, is very solid, uniform in size, averaging about 12 pounds, although it has been forced to 29 pounds; remains a long time after heading without bursting. Pkt., 5c.: oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



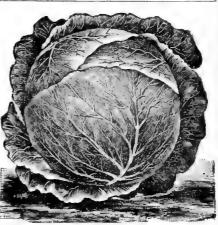
CHASE'S EXCELSIOR CABBAGE.

CHASE'S EXCELSIOR CABBAGE. - An

the Year Round Variety-We have made aspecialty of this Cabbage for many years and never introduced anything that gave better satisfaction. It is a medium early variety, following Early Summer, but with heads almost double the size. It can be planted (as a second crop) twenty days later than the Flat Dutca, and still mature almost as many pounds to the mature almost as many poinos to the acre. It is very uniform in type, sure to head, and is exceedingly solid. Very few varieties will produce so many well formed, large, solid heads from the same number of plants. Pkt., 5c.; ½oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

EAST BRANCH, N. Y.—Last year I raised 400 good heads of Chase's Excelsior_from a 5c. pkt. of your seed .- A. B. M.

Freeville, Tenn. (Feb. 26, 1892)-" We got some of your seed last year and they proved to be the best we had ever raised; the cabbage seed were especially fine."-L. J. C.



SUREHEAD CABBAGE

AUTUMN KING—One of the finest, strains of Late Cabbage ever offered. It produces regular, even heads of ENORMOUS SIZE, and can be relied upon to produce a greater weight of crop from the same space of ground than any other late sort, from the fact of its producing so few outer leaves, going all to head. Pkt., 10c.; oz., 30c.; ½ lb., \$1; lb., \$3.50.

FILDERKRAUT—Introduced from Germany several years ago; it is very solid and sure to head; heads are pointed conical; resembles the well-known Winningstadt, but is larger in every way and more pointed. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

BURPEE'S SURE HEAD-A very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper, and has become exceedingly popular. Pkt. 5c.; oz., 25c.; ¼ lb. 75c.; lb. \$2.50.



EARLY WINNINGSTADT CABBAGE.

EARLY WINNINCSTADT—A well-known and very popular variety, in season very close to the Wakefield; heads large, decidedly conical, leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure-heading variety, valuable not only for early use, but also for winter cabbage. As near worm proof as any cabbage in the list. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.90.

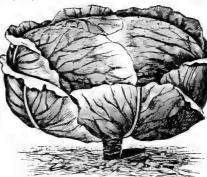
MARBLEHEAD MAMMOTH-The largest cabbage in the world. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

BIG CABBAGE. "I have used your seed for twelve years and have never been disappointed in them. I have grown MANY ACRES of your Livingston's Premium Cabbage and it has ARWAYS been THE BEST that has been in any market I have sold in. I have measured heads that were raised without Manure of any kind that were 13½ inches across and 8½ inches deep, when TRIMMED FOR MARKET.—W. A. JONES, Omega, Ohio.

Mt. Ephraim, O. (April 2, 1892)-I have been planting your seeds for six years and have always been satisfied with them and pleased with your promptness and honest dealings. I thank you very much for the extra seeds you have sent with each order. You have my best wishes for the continued success which you so richly deserve -Mrs. D. W.

STONE MASON-A short stemmed, excellent late market sort. Pkt., 5c.: oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

DANISH BALL-HEAD—A variety from Denmark, where it is so highly prized that they grow it almost exclusively for winter cabbage, and annually export large quantities. Has been selected for more than fifty years by Danish Gardeners. Heads are hard, round, of good mark-ctable size, fine grained and good keepers. Pkt., 10c.; oz., 25c.; ½ lb., 75c. 1b. \$2,75c. 75c.; 1b., \$2.75.



LIVINGSTON'S PREMIUM FLAT DUTCH.

LARCE AMER-ICAN DRUM-HEAD-A very superior fall and winter variety, large solid heads. Pkt ... 5e.; oz., 15e.; 1/4 lb., 50c.; lb., \$1.50.

LARCE LATE FLAT DUTCH-

A popular variety, largely cultivated. Grows to large size, the flat, solid heads often weighing fifteen to twenty A sure header, good keeper and shipper. Pkt., 5c.; oz., 15c.; ½ lb. 50c.; lb. \$1.50.

LIVINGSTON'S PREMIUM FLAT DUTCH.—For the winter market it are large and very solid; they open white, crisp and tender. It is a fall and winter variety and with a relation of the solid winter variety and with a relation of the solid winter variety and with a relation of the solid winter variety and with a relation of the solid winter variety and with a relation of the solid winter variety and with a relation of the solid winter variety and with a relation of the solid winter winter with a relation of the solid winter winter winter with a relation of the solid winter wint and winter variety, and with good cultivation is sure to head. Grown almost exclusively by marketmen on account of its good shipping qualities. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

SAVOY CABBAGE.

The Savoys are of much finer flavor and quality than the best of other cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in fall and allowed to be touched by frost, it is one of the most delictions of all vegetables and should be more governally cultivated. generally cultivated.

PERFECTION DRUMHEAD SAVOY-The best late Savoy. Heads large and very finely curled; short stalk and compact nnely curred; short sails and compact grower; an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Pkt., 5c.: oz., 20c.: ½ lb., 60c.: lb., \$2.00.

EARLY PARIS 6AVOY-The best early Savoy. It matures very early, the heads are firm, solid, beautifully crimpled, and of finest quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

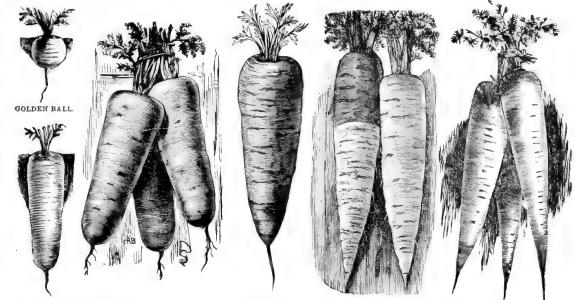
RED PICKLING CABBAGE.

Extra Early Dark Red Erfurt—The earliest and finest red. Pkt., 5e.; oz., 25c.; ½ lb., 75c.; lb., \$2,75.

Red Drumhead—Head large, rounded in shape, hard; very deeply colored at the heart. Pkt., 5e.; oz., 25c.; 14 lb., 75c.; lb., \$2.50.

Ciant Red Erfurt-A strain much larger than the EARLY ERFURT. but very deep red and hard heading. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75.

MAMMOTH ROCK RED—Heads are as large as the Flat Dutch, deep red to the center; highly recommended. Hard as a rock. Pkt. $10c.; \frac{1}{2}$ oz., 20c.; oz., 35c.; 4 ozs., \$1.25.



NANTES EARLY.

INTERMEDIATE RED.

DANVERS.

BELGIAN.

LONG OLANGE.

HE Carrot, like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Should be sown in early spring in drills from 15 to 18 inches apart, finally thinning plants to about three or four inches in the drill; keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil half an inch is deep enough to cover the seed. One ounce sows 150 feet of row. Four pounds will sow an acre.

VERY EARLY SCARLET OR COLDEN BALL (Also called EARLI-EST SHORT HORN)—This is the earliest carrot in cultivation, and best suited for forcing. Small tops and tap root, round as a turnip; small size; very rich orange color. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.10.

EARLY SCARLET SHORT HORN-One of the most popular.

Stump rooted, second in size: fine for forcing: deep orange; flesh finegralaed and otagree. able flavor; top small Pkt.,5e.; oz., 10c.; 14 lb., 30c.; lb., \$1.00.

NANTES EARLY LONG SCARLET-Improved. tump - rooted

AN STENDED TO THE STENDED Horn, large, sweet, fine flavored, almost without a core; very fine grained; excellent for the home garden and market. Pkt., 5c., oz., 10c.; ½ lb., 25c.; lb., 90c.

INTERMEDIATE RED-An excellent new English sort, valuable as a bunching variety. It is smooth, and nearly the Danvers in size; flesh very close in texture, and almost without core; a fine cropper. Pkt., 5c.; oz., 10c.) ½ lb., 25c.; lb., 90c.

EARLY SCARLET SHORT

HORN CARROT.

OX-HEART, OR CUERANDE—Intermediate in length between Early Horn and Danvers, and fully 3 to 5 inches in diameter. In quality it is extra good, where other sorts require digging, Ox-Heart can be easily pulled. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

DANVERS-One of the most productive and best for field culture. Tops medium, roots dark orange colored; large, but of medium length, tapering abruptly at the point, very uniform and handsome; flesh deep orange with yellow center, sweet and tender. Pkt., 5c.; oz. 10c.; ¼ lb., 25c.; lb., 90c.

OX-HEARTCARROT. IMPROVED LONG ORANGE—A standard late variety, handsome and uniform in shape: deep orange color; good flivor; yields heavily. It requires a deep soil, and the plants should stand eight inches apart, in eighteen inch drills, for the roots to attain their full size. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 90c.



CHICORY.

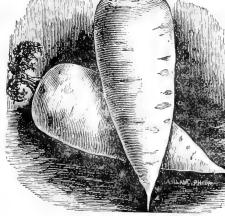
Large Rooted-Used to mix with or as a substitute for coffee. Culture the same as for Carrot. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 90c.

CORN SALAD OR FETTICUS.

A vegetable used as a salad. It is sown on the first opening of spring, in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow in September, cover with straw or hav as soon as cold weather sets in. Can be grown in cold frames, cov-



WHITE-This is a new and distinct variety which is destined to take first rank as a field carrot, owing to its enormous productiveness and its growing well out the ground, making it easy to barvest. Roots short very heavy a+ shoulder, regu.acly tapering to a point; of uniform shape and smooth; above ground, white below: flesh rich, white, solid and crisp, and of the finest flavor. Pkt., 5c.; oz., 10c.; 14 lb.. oz., 10c.; 1/4 25e.; 1b., 90c.



IMPROVED SHORT WHITE CARROT.

BELGIAN CARROTS.

These are largely grown in Europe for feeding stock, especially horses, by which they are much relished. They grow about twenty inches long, are enormously productive, keep well, and are very nutritious.

LARGE ORANGE BELGIAN—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c. LONG WHITE GREEN TOP—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.Special Prices on application for larger quantities.

ered with straw mats or shutters, and used any time during the winter, Pkt., 5e.; oz., 15e.; 1/4 lb., 30e.; lb., \$1.00.

DANDELION.

The Dandelion resembles the Endive, and is sometimes cultivated for spring greens, or by blanching for salad. The roots, when dried and roasted, are often used as a substitute for coffee. Seed should be sown in May or June, in drills half an inch deep, and twelve inches apart. Plants ready for use the following spring.

LARCE-LEAVED-Leaves fully double the size of the common Dan delion. A great advance over the old variety. Pkt., 5c.; oz., 40c.; 1, 1b., \$1.5



WHITE PLUME CELERY.

WHITE PLUME.—The Earliest. The Handsomest. Easiest Crown and Most Profitable for Early Market.—It is almost self-blanching; naturally its stalk and portions of its inner leaves and heart are white so that by closing the stalks, either by tying or simply drawing the soil up against the plant and

enther by typing or simply drawing the soit up against the plant and pressing it together, the work of blanching is completed. In appearance it is very ornamental. It is unsurpassed for fall and early winter use, and is more extensively grown for market than any other. It is a good keeper up to the holiday season. But for later use we would advise growing some of the more hardy kinds offered below. Our SEED of this cannot be excelled in quality only arrive. We have under a specialty of it ever since its introduction and and purity. We have made a specialty of it ever since its introduction and are supplying many of the largest growers throughout the country. Pkt. 10c.; oz., 25c.; 141b., 75c.; 1b., \$2.50.

GIANT PASCAL.—Since the introduction of White Plume no variety has been from the Golden Self-Blanching, it retains the beautiful color, the thick, solid, crisp stalks, and the incomparable flavor of that variety, but is of much stronger growth, also larger, producing perfectly blanched stalks, over two feet in length and proportionately thick, yet never in the bast stringy. It is unequalled for rich muty flavor, absolutely free from any bitter taste. Blanches very easily, and "as brittle as a pipe stem." The ease with which it is bleached is remarkable, as only earth enough to hold it in an upright position is required. Fine keeper and excellent shipper, retaining color and fresh appearance longer than any other. For mid-winter and early spring it cannot be excelled. Pkt., 10c.; oz., 20c.; ?{1b., 65c.; lb., \$2.25.

GOLDEN HEART.—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine nutty flavor. When blanch-**GULDEN HEAKL.**—A customer variety of sturdy dwart nabit. It is solid, an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is of a light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

GIANT GOLDEN HEART.—This variety has been produced by careful selection and high culture from the Dwarf Golden Heart, by one of the best Celery growers in this country. In quality, appearance of the best late varieties for the Market Cardener, while its line flator and yich color make it very designable for private use. It is very fine flator and rich color make it very desirable for private use. It is very hardy and is held in bight estern among our home gardeners. Pkt., 10c.; oz., $20c^{-1}$, lb., 65c.; lb. 82.25.

CELERY.

WE SUPPLY MANY LARGE GROWERS WITH OUR HIGH GRADE SEED.

CULTURE.—Celery can be successfully grown with but little labor, in any good garden soil, if plenty of well-rotted manure or high grade fertilizer is used. It delights, however, in low, moist, rich-bottom land, or well drained muck soil. It is usually grown as a second crop.

Crowing the Plants.—It is not necessary to sow the seeds in a hot bed or cold frame, as it is apt to run to seed if started too early, especially in our warm elimate but sow in the purpose and as soon or it is from the control of th

our warm climate, but sow in the open ground as soon as it is in April. Sow in rows so that it can be kept free from weeds. Prepare the soil well and cover the seed very lightly. It is quite slow to germinate. After coming up the plants should be shaded partially for a week or ten days, and see that the soil does not get too dry. When about two inches high thin out and transplant to two inches apart. When four inches high cut off the tops. This may be done again later, and will insure good "stocky" plants. stocky" plants.

Transplanting.—The evening is the best time, and especially if after a

shower; otherwise give them a good watering, and you will lose but very few plants. Remember that it is essential that the soil be pressed finally about each plant when set out; especially if done in a dry time, the old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow trench, only three or four inches deep. These should be at least three feet apart for the dwarf, and not less than four feet for the larger sorts; set plants in single rows, not over six inches apart in the trench. Transplanting is done about the middle of June for first early, and as late as the middle of August for the latest. Keep well cultivated, and is hate as the middle of August for the latest. Keep well cultivated, and in about six weeks "handling" should begin, (never do this when wet from rain or dew.) This is done in order to make the relery grow upright. The soil is drawn to the row from each side with an ordinary hoe. Now take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as is necessary to keep the leaves in this upright position, more soil must be drawn to the row. No variety is entirely self-blanching. One punce of seed produces 2000 plants. For fuller details on growing, storing and marketing Celery, send for the latest, best and most complete work ever written on the subject—"CELERY GROWING AND MARKETING A SUCCESS"—handsomely bound in cloth, and fully illustrated, published by one of the largest and best growers of high grade Celery in Michigan We send it postpaid,

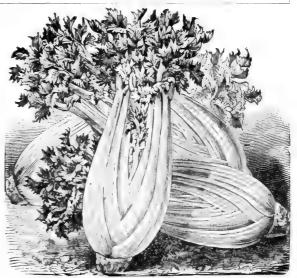
BOSTON MARKET-For many years the most popular sort in the markets of Boston. It is a vigorous grower, quite dwarf and very branching; an excellent keeper, and is remarkably tender, crisp and solid. The best variety for light soils. A late keeper. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.

EARLY ARLINCTON-An extra early strain of Boston Market, somewhat larger, free from blight, and not inclined to run to seed; blanches easy, and is a strong grower. Pkt., 5c.; oz., 20c.; ½ ib., 50c.; lb., \$2.00.

CRAWFORD'S HALF DWARF-The favorite variety with New York City Gardeners. When blanched it is of rather a yellowish-white, and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.75.

PERFECTION HEARTWELL—The best flavored, most crisp and tender of the white varieties. A little taller than the Crawford's Half Dwarf, and a little later maturing. The stalks are medium sized, round, very solid, crisp and tender. A favorite with many. Pkt. 5c.; oz. 20c.; ½ ib. 60c.; lb. 82.

FROM THE LARGEST CELERY GROWER IN CENTRAL OHIO,-(Nov. 23, 1892)—"Have sold 1500 dozen Celery this week. down them all for quality."—T. O. MILLER.



GIANT GOLDEN HEART CELERY.

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Bridgewate Rost Crilin sent for mo



CELERY-Continued.

GOLDEN SELF-BLANCHING GOLDEN LARGE SOLID)-It is quite as selfblanching as White Plume. The entire plant is of a yellowish-green color and as it approaches maturity the in-ner stems and leaves become a beautiful yellow, adding much to its beauty. It grows to a good size, is very tender, crisp and solid, and when well grown and blanched, it is of excellent quality and very beautiful. The readiness with which it is bleached and rento the gardener and exceedingly popular with every planter. An excellent sort for early planting, and a good keeper. Pkt., 10c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75

NEW ROSE—The red and pink Celeries have been deservedly gaining in popular favor for several years past, because they are hardier and better keepers than the yellow and white sorts, and because of their superior flavor and crispness. This new sort combines with the above fine qualities, a handsome appearance which renders it an attractive ornament to the dinner table, the heart and stems being shaded to a fine rose color. Pkt., 10c.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.75.

DWARF WHITE SOLID-Dwarf white of stiff, close habit; solid, crisp and juicy. Said to keep in good order later in the season than any other variety. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

Ciant White Solid—Fine, large size, tall and of stiff growth. Pkt., 5e.; oz., 15c.; 14 lb., 50e.; lb., \$1.90.

LARCE RED SOLID-Dark crimson, unusually solid. Pkt., 5e.; oz., 15e.; 1/4 lb., 50e.; lb., \$1.90.

OLD CELERY SEED—Used for flavoring soups, pickles, etc. Oz., 5c.; $^{1}_{4}$ lb., 15c.; lb., 40c. By express, lb., 30c.; 4 lbs., \$1.00.



Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necesary to secure good roots.

Ciant Smooth Prague-A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

NEW ROSE CELERY.

Apple-Shaped—An early, smooth variety; the roots are shaped like an apple and of good flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

SWEET CORN.

The Sweet, or Sugar Corn varieties, being liable to rot in cold or wet ground, should The sweet, or sugar corn varieties, being hable to be in that of the same and for a succession plant every two weeks until the last of July, in hills 2×3 feet for the early kinds, and 3×4 for the large, late kinds. Some plant in drills $3 \frac{1}{2}$ feet apart, and eight inches in

the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills; eight or ten quarts for an acre.

PRICES OF ALL KINDS, (except otherwise noted): POSTPAID—Packet, 5 cents; pint, 20 cents; quart, 35 cents. NOT PREPAID—Bushel, \$2.75; peck, 75 cents; quart, 20 cents.

LIVINGSTON'S **EVERGREEN** SUGAR

We have grown this variety over thirty years; it is extensivegrown home marketmen as a general market corn, and can be planted here as late

as the first week in July; it is a first-class second early, very productive, has large well-filled ears with deep, broad kernels and very small cob, filled well over the tips very sweet (none sweeter); sells in this market from two to three cents per dozen more than any other variety.

EXTRA EARLY ADAMS—the hardiest and earliest white corn known; is not a Sugar Corn, but on account of its being largely sold for table use we class it among the Sugar Corns. It can be planted earlier than any other; ear short, grain white, indented.

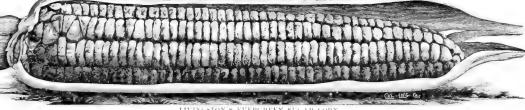
EARLY ADAMS—Similar to Extra Early Adams; larger, but not so early, Often used for the table, particularly in the South.

EXTRA EARLY CORY—The earliest variety of sweet corn known. Has EXIMA EARLI CONT a large ear considering the size of the stalk, small cob, well filled with broad grains. It is larger eared, and at least a week earlier than the Marblehead.

WHITE CORY—In all respects identical with the above except in color, kernels and cob being white. This removes an objection some have to the Cory on account of its color.

EARLY MAINE—This variety comes from the State whose name it bears, and whose latitude is an indication of earliness in all vegetation. It has a pure white cob with a rich, cream white kernel, sweet and juicy. A fine ear of good size, stalk medium. to be as early as Cory.

STABLER'S PEDICREE EXTRA EARLY-A very popular variety with Philadelphia gardeners, noted for its earliness and sweetness



S EVERGREEN SUGAR CORN

PEE-AND-KAY—Only a few days behind the earliest. It has an ear about the size of Evergreen: kernels large, white and sweet; ears are ten to twelve rowed, large, and plump; stalks strong, bearing two to three cars.

CROSBY'S EARLY—Early, and a great favorite in the markets of large cities. It forms rather small ears, but is productive and of excellent quality.

EARLY MINNESOTA—This old favorite is one of the earliest sorts of sweet corn, and is highly esteemed for its excellent qualities.

SHAXER'S EARLY—A splendid market sort, ready about the same time as Early Minnesota, but the ears are much larger. The stalks, in good soil, attain a height of six feet, bearing usu ally two large ears, well filled out to the tips of the cob; the kernels are large, white, and of delicious flavor.

EARLY MAMMOTH—Ripens two weeks earlier than Late! Mammoth, which variety it much resembles: the ears are fully as long, but more tapering; quality good; a splendid market sort.

STOWELL'S EVERGREEN—Grown more extensively than any other a great favorite with cannot—und_market gardeners for late use. The ears are of large_size; ken els very deep, tender and sugary; very productive, and remains f —long time in fit condition for table use.

PRICES FOR ALL KINDS

EXCEPT OTHERWISE NOTED.

POSTPAID - Packet, 5c.; pint, 20e.; quart, 35e

NOT PREPAID-Quart, 20 cts.; peck, 75 cts.; bushel, \$2.75.

LIVINGSTON'S Gold Coin Sweet Corn.

This grand new Sweet Corn, of which we were the original intro-ducers, is no old variety under a



new name; it has given great satisfaction the past four years, and has been universally pronounced decidedly distinct from anything ever sent out before, besides one of the best Sweet Corns in existence. We have never seen a corn that will approach it in evergreen properties. Its yield is enormous, almost invariably yielding two and very frequently three mammoth ears to the stalk. The cob is very white, completely covered with large, very deep, handsome and toothsome kernels which, as they grow too hard to eat, take on gradually a beautiful rich yellow color. By mail, (postpaid)—Pkt., 10c.; pt., 25c.; qt., 40c. By express, (not paid)—Bus., \$3.50; pk., \$1; ½pk., 60c.

EARLY BONANZA.—An early variety with ears as large as Evergreen. This valuable variety originated a few years since with a market gardener who had in market, several weeks ahead of any of his competitors, large, fine ears of sweet corn in great abundance, for which he obtained the highest prices. It is early as Minnesota, Crosby's and other early varieties, while the earstmuch are larger. It is exceedingly prolific, bearing two or three good ears to the stalk.

EARLY LARGE EIGHT-ROWED.—A fine early sort: the ears are of large size and have eight rows. delicious quality.

HENDERSON'S NEW RED COB EVERGREEN.—A sport from Stowell's Evergreen with red cob and slightly earlier. A most excellent table corn.

EGYPTIAN SWEET—One of the best late varieties, and certainly the handsomest of all the late sorts. Ears large, none of the late sorts are the tip end; cob One of the best late varieties, and certainly the more uniform, and excels all in filling out perfectly at the tip end; cob and grain white. Very productive and used extensively for canning.

MAMMOTH SUGAR—This produces larger ears than any other sweet corn, single ears at times attaining a weight of two or three pounds.

NE PLUS ULTRA (SHOE PEG, OR QUAKER SWEET)—This variety ears profusely, frequently bearing two to three, and sometimes four ears to the stalk. The kernels are deep, placed irregularly but very compactly upon the cob. It matures medium to late. Its unusually sweet and pleasant taste makes it a very popular favorite. Peck., 90 cts.; bus., \$3.75.

SWEET CORN FOR FODDER.

There is nothing better for green feed or for curing for winter than Sweet corn. Cattle highly relish it, and when fed on it, keep in fine condition, and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for soiling. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. PRICES SUBJECT TO MARKET CHANGE, Peck, 50c.; 1/4 bus., 80c.; 1 bus., \$1.50. Bags of 21/4 bus., \$3.50; 2 bags, \$6.50; 4 bags, \$12.00. No charge for bags.

FIELD AND POP CORNS.

For various Field and Pop Corn Varieties see Farm Seed Department.

REF SPECIAL PRICES given on application to parties wishing to purchase large quantities of Sweet Corn.

We can supply the following well-known varieties of Sweet Corn—price of each postpaid, packet, 5c.; pint, 20c.; quart, 35c. By Express, bus., \$2.75; peck, 75c.; 4 quarts, 50c.

Perry Hybrid, Potter Excelsion. Old Colony,

Russels Prolific, Hickox Tryumph.

Marblehead Early, Moore's Concord, Biack Mexican.

As soon as the weather becomes settled and warm, plant in hills from four to six feet apart each way, with eight or ten seeds in each hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Cne ounce for fifty hills. One to two pounds for an acre.

SLUG SHOT IS DEATH TO THE BUGS. LIVINGSTON'S EVERCREEN CUCUMBER-See Novelty List. HILL'S FORCING-See Novelty List.



EXTRA EARLY WHITE SPINE—For Forcing—Every market gardener knows the value of a well selected and fixed strain of extra early Cucumber, especially for forcing purposes. We feel confident that no one offers any finer stock, from the fact it has been carefully selected for many years with this object in view. It is also an excellent variety for slicing, and makes a choice pickle, straight and smooth; also, a great bearer, and keeps green much longer than the yellew varieties. Selected Seed, pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

EXTRA EARLY RUSSIAN-The earliest, small, hardy and productive; excellent for small pickles. Pkt., 5c.; oz., 10c.: 1/4 lb., 25c.; lb., 85. EARLY CREEN CLUSTER-A short, prickly variety, bearing in elusters near the root; very prolific; very good for table use. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

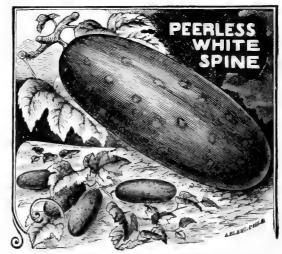
BOSTON PICKLING-Very popular in Boston market. It is of medium length and a great producer. Pkt. 5c.; oz. 16c.; 1/4 lb. 25c.; lb. 75c. CREEN PROLIFIC—One of the best pickling sorts. Its characteristics are its uniform growth, hardly ever yielding Cucumbers too large for pickling, and its immense productiveness. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 70c.

Early Frame, or Short Creen—A popular variety, medium size. Pkt., 5c., oz., 10c.; ½ lb., 20c.; lb., 65c.

CHICAGO, OR WESTERFIELD PICKLING—Very popular with Chicago market gardeners, and extensively grown in that vicinity, Fruit medium length, pointed at each end, with very large and prominent spines; color deep green. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

As soon as the weather becomes settled and warm, plant in hills from four to six feet

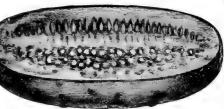
THORBURN'S EVERBEARING—Small sized; very early and enormously productive, and valuable as a green pickler. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.



PEERLESS WHITE SPINE-One of the finest strains of Early White Spine in cultivation. The fruit is of good size, straight and well formed, full at both ends; productive; skin deep green, holding color until maturity. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

CUCUMBERS-Continued.

NICHOLS' MEDIUM CREEN (HEADQUARTERS STOCK)-This Cucumper we obtained some fifteen years ago, and after a thorough trial and



NICHOLS' MEDIUM GREEN CUCUMBER.

several years careful growing and selecting offered it to the public in our Novelty List in 1884. It is worthy of the first place among pickle sorts, second to none as a slicer, and very good for early foreing pur-

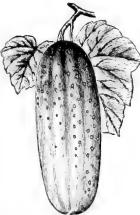
forcing purposes; in color dark green, flesh crisp and tender, productive, MEDIUM IN SIZE, always straight and smooth; a real handsome, good variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

CIANT PERA-This magnificent CIANT PERA—Ins magnificent variety is of most delicious flavor; desh white, very crisp and tender at all stages, and can be eaten at any time during growth. Enormous size, frequently one and one-half feet in the control of the cont length and ten inches in circumferenge; very smooth and straight, with a beautiful green skin free from spines. Pkt.,5c.; oz., 10c.; ½ lb., 30c.; b., \$1.00.

TALBY'S HYBRID-An excellent variety for family use; straight, smooth and handsome. Pkt., 5c.; oz., 10e.; ½ lb., 25c.; lb., 75c.

EXTRA LONG, OR EVERGREEN WHITE SPINE—Longer than the Peerless, of fine quality for family use. When about five inches long makes a good Pickle. Pkt., 5c.; oz., 10c.; ½ 1b., 25c.; 1b., 75c.

IMPROVED WHITE SPINE, OR ARLINCTON—For both market use artinctok—for both market use and pickling this variety is now more largely grown than any other, and is very much superior to the old White spine. Our stock is grown from the true Boston strain. Pkt., 5c.; oz., 10c.; ¼1b., 25c.; lb., 75c.



IMPROVED WHITE SPINE.



slim. A most excellent variety. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00. JERSEY PICKLING—Very popular in New Jersey. Intermediate between the Long and Short Green, forming a long, slender, cylindrical pickle; very crisp and tender. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

English Frame or Forcing Varieties.

Lord Kenyon's Favorite, pkt., 25 25 Telegraph, pkt

Duke of Edinburgh, pkt......25 Cuthill's Black Spine, pkt......25



Serpent, or Snake Cucumber.

A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake with the head protruding, and sometimes are several feet in length. The illustration represents their shape; the quality is fair. Packet, 10c.

CANNOT SPEAK TOO HIGHLY.

Mr. Joseph E. Sherwood, Conn., March 30, 1892, writes: "I cannot speak too highly of Livingston's Evergreen Cucumber."

BEST WE HAVE EVER GROWN. Mr. C. H. Huntoon, Franklin Falls, N. H., writes: "I can truthfully say that the Livingston Evergreen Cucumber is the best cucumber we have ever grown, both for market and home use.

GHERKINS.



WEST INDIA CHERKIN (TRUE)-Also known as JERUSALEM PICKLE. A very small, oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; is the smallest of all the varieties of Cu-JERUSALEM PICKLE. compensing; is the smallest of all the varieties of Cu-cumber, and should always be picked when young and tender. The seed is slow to germinate, requiring from two to three weeks. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

GARLIC.



GHERKINS.

Prepare the ground the same as for onions, and plant Prepare the ground the same as for onions, and paint the bulbs in early spring, in drills twelve inches apart, four inches in the rows, and cover two irrches deep. Esteemed by many for flavoring soups and stews.

BULB. (postpaid), 02., 5c.; ½ lb., 15c.; lb., 30c.

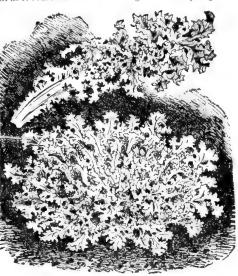
By express, (not paid), lb. 20c.; 3 lbs. 50c.; 10 lbs. \$1.40.

ENDIVE.

One ounce of seed sows 100 feet of drill.

Its leaves make a splendid salad when properly blanched, and one that is very useful as it comes in after lettuce is gone.

at any season, but is usually grown for use late in the fall. For an early crop sow in April, in drills fifteen inches apart.and later on thin out to twelve inches in the rows. It can also be sown in beds and transabove distance after attaining sufficient size.
The main sowings are made June and July, Ordinary good soil and cultivation is all it requires. When nearly full-grown it is blanched in the following manner: gather up the leaves and tie them by their tips in a conical



EVER WHITE CURLED ENDIVE.

excluding the light and air from their inner leaves, which then blanch to a beautiful yellowish white color. This process takes two to five weeks, according to the temperature, bleaching fastest in warm weather. Another method is to lay clean boards right over the plants which excludes the air and light. Tie up at different times as it only keeps a short time after blanching. For winter use take up with earth and store in frames or dry cellar.

EVER WHITE CURLED-By far the most beautiful variety. moderately dense; leaves coarser than those of the Green Curled; but the midrib is yellow and the leaves frequently almost white, so that the plants is very attractive, and always brings the highest price on the market. Pkt., 5c.; oz., 20c.; ½ lb., 30c.; lb., \$1.75.

Creen Curled-The variety mostly cultivated. Leaves dark green. broad and curly, tender and crisp in quality; somewhat earlier and more hardy than other varieties. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

Moss Curled—A beautifully curled variety somewhat resembling moss; dark green in color, quality fine. Pkt., 5c.; oz., 20c.; ½ lb., 60c.: lb., \$2.00.

BROAD LEAVED BATAVIAN—Has broad, thick, slightly wrinkled leaves forming a large head which is preferred for stews and soups, but if the outer leaves are gathered and tied at the top, the whole plant will blanch nicely, and make an excellent salad for the table Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75

PROMPTNESS.

Galesville, Wis., (April 4, 1892)—" I received my seeds last night, and was more than pleased with them; was very much surprised to get them so promptly. I will send for now and this fall I want some choice house plants."—Mrs. P. S.

TRUE BLUE.

Parisville, Texas, (April 6, 1892)—"Seeds arrived last night in good order. Many thanks for promptness. Your seeds are very fine and well named TRUE BLUE."—W. W. G.

EGG PLANT.

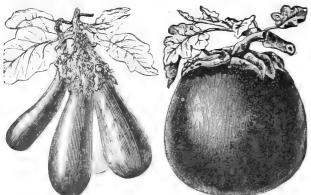
Egg Plant should be more generally grown, for when well grown and properly cooked it is crally grown, for when well grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly and should be started in flats or boxes in a strong, uniform heat, and kept constantly growing because the young plants seldom recover if checked in their growth. Sow the seed in hot-beds or warm greenhouse in March or early April; if no hot-bed is at hand they may be grown in any light room where the temperature will average 75 degrees. When the plants are two inches high or have formed two rough leaves transplant them in beds three or four inches apart, or, what is better, prick off into two-inch transplant them in beds three or four inches apart, or, what is better, prick off into two-inch pots, and later shift to four-inch size and plunge them. Keep the bed closed and very warm, shading from the direct rays of the sun, and giving abundance of water, mill the ground is of water until the ground is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and decrease the supply of water;

transplant to the open ground late in May or June into warm, rich soil, from two to three feet apart each way, according to the richness of the soil. When about a foot high draw the earth up to their stems. They thrive in any good garden soil, but repay liberal treatment. Care should be used in cutting the fruit so as not to disturb the roots of the plants. If needed, shade the young plants and keep the potato bug picked off, it is very fond of them, and often destroys them.

HOW TO COOK ECCS-Fritters-Cut into slices of one-fourth to one-half inch thickness, pare off the rind, put into a dish with a layer of salt between the pieces, beginning with a layer of salt in the bottom of the dish, letting them stand three or four hours: or the slices may soak in salt water foreight or ten hours. Then dry each slice with a soak in salt water for eight or ten hours. Then dry each slice with a cloth or towel. Fry in a batter of eggs and flour seasoned to taste or dip in beaten egg and roll in bread crumbs and fry slowly, in hot butter until a rich brown; serve hct.

Fried—Cut in slices crosswise not over half-inch thick, parboil in salt water about fifteen minutes, then fry in hot butter and lard.

EARLY DWARF PURPLE—A favorite for eating on account of its excellent quality; rather small for a general MARKET crop, but comes in early and sells well before the larger kinds are ready; It is just the right size for FAMILY use. Dwarf; very early; small-sized ovoid fruit, four or five inches long, with six or eight very dark purple fruits to the plant, and the easiest grown of any. May be sown as late as May 1 and good results will follow; it overcomes quite readily any checks it may receive during growth. Pkt., 10c.; oz., 35c.; ½ lb., \$1.00.



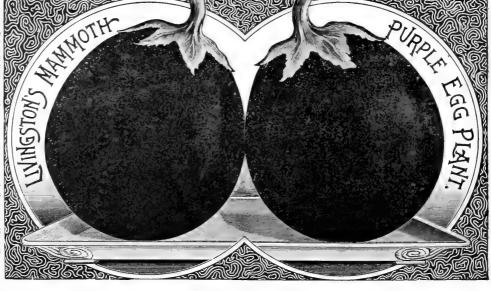
CARLY LONG PURPLE.

BLACK PEKIN

EARLY LONG PURPLE-Hardier and earlier than the New York Purple, succeeding further north. Fruit from six to nine inches long. Dark purple, good quality and one of the best varieties. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., \$2.50

Black Pekin-Entirely distinct from all other varieties, both in Black Pekin—Entirely distinct from all other varieties, both in habit and fruit. The fruit is very dark purple, almost black, nearly round, large size six to eight inches in diameter, smooth and glossy, flesh white and very solid, fine grained and delicate flavor; matures early, profilie, very handsome, and a popular variety for market. It should be started early. Pkt., 10c.; oz., 30c.; ½ 1b., \$1.00; lb., \$3.50.

NEW YORK IMPROVED LARGE PURPLE-The leading variety known by marketmen everywhere; fruit large; smooth; deep purple flesh white, of good quality. Pkt., 10c.; oz., 40c.; ½ lb., \$1.25; lb., \$4.75



LIVINGSTON'S MAMMOTH PURPLE.—This splendid variety was obtion and extra cultivation, beginning with a true strain of New York Improved Large Purple. The process of improvement was carried on for years until we now have the finest strain of Mammoth Egg Plant that we have any knowledge of. While immense size was one of the main objects kept in view we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a a large sort and is a sure cropper. The plants are large, vigorous and productive. Fruit very uniform in color and shape; very large, usualproductive. Fruit very uniform in color and shape; very large, usual-ly seven to nine inches in diameter, but sometimes specimens are grown that measure ten inches. Skin a handsome dark purple, smooth and glossy. Flesh white of superb quality. We pronounce it the Best Egg Plant in cultivation—no exception. It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape, or green in color, they are quite unsalable, and your time and money is wasted. Pkt, 10c.: oz., 50c.: ½ lb., \$1.50; lb., \$5.25.

FROM A LARGE JERSEY GROWER OF EGG PLANT.

"Your Mammoth Purple Egg Plant is the finest we ever saw and is rightly named. Some of the specimens measured, around the stem and blossom end, twenty-eight inches, in circumference, and around the other way twenty-four inches."—New Jersey.

KALE.

Borecole, Kale, or German Greens, are general terms applied to those classes of cabbage which do not form heads, but furnish an abundance

of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family, and would be much more extensive-ly grown if its excel-lent qualities were generally known. Can be grown in almost any soil, but the richer is the better the pro-



DWARF GERMAN CURLED KALE

duct. Sow from the middle of April to the beginning of May like cabbage; transplanted and sultivated same as cabbage. They are more hardy than cabbage, and will endure considerable frost without injury.

DWARF CREEN CURLED SCOTCH-Very dwarf and spreading. The leaves are beautifully curled and of a bright green. Hardy and will remain over winter in any place where the temperature does not fall below zero. A decided improvement upon the old tail Scotch. Pkt., 5c.; oz., 10c.; ½ 1b., 30c.; 1b., \$1.00.

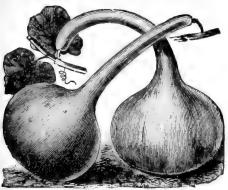
HALF DWARF MOSS CURLED-A particularly fine variety posbushy growth, the foliage is light green and toward the center yellowish green. The edges of the leaves are so beautifully crimped that it resembles fine curied Parsley, and can be used for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

Siberian Kale, Cerman Creens or "Sprouts"-Extensively grown as winter greens; sow in September in rows one foot apart, and treat in every way as Spinach; it is very hardy and is ready for use in early spring. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 80c.

CERMAN DWARF PURPLE—A dwarf, compact plant composed of a mass of large, finely frilled leaves of a deep purple color. Tender and of excellent quality. Pkt., 5c.; oz., 10c; ½ lb., 30c.; lb., \$1.00.

GOURDS. The Gourd is a tender annual and should not be planted till all danger from frost is over, and not less than six feet apart each way, in good rich loam. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers. ornamental and serviceable as climbers.

For Ornamental Gourds see Flower Seed List.



DIPPER GOURD.

DIPPER COURD-Can be used for dippers, the handles being from 9 to 12 inches long and they hold from a pint to two quarts. When grown on the ground the handles will be curved, as in the engraying, while figrown on a trellis or a tree their weight will cause them to grow straight. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

NEST ECC COURD (JAPANESE NEST EGG)—These resemble a hen's egg in color, shape and size. They do not crack, are uninjured by cold or wet.and make the best next eggs. As the plant is a rapid growing climber, it is very useful in covering screens, etc., being quite ornamental. Wellave a very purestock of THIS VARIETY TO OFFER THIS SEASON, and can recommend it. Pkt., 5c.; oz., 30c.; ½ lb., \$1.00.

SUCAR TROUCH, OR SAP BUCKET-SELECTED STOCK—Grows to a very large size, holds from 4 to 10 gallous each, having hard, thick shells, which are very strong, but light and durable, lasting for many years. They are used for a great variety of purposes, years. They are used to a great a largety of purposes such as buckets, baskets, soap and salt dishes, nest boxes, etc., and have been used for packing lard.

They are as easily grown as pumpkins. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

HERCULES CLUB COURD-Grows from 4 to 8 feet long. Pkt., 5c. DISHCLOTH, OR LUFFA COURD-A natural disheloth and a most admirable one, is furnished by the peculiar lining of this fruit, which is sponge-like, porous, very tough, clastic and durable. Many ladies prefer this disheloth to any other. The fruit grows about two feet in length, and the vine is very ornamental, producing clusters of large yellow blossoms, in pleasing contrast with the silvery-shaded, dark green foliage. In the North this variety should be started very early in the both of the contraction. hot-beds or otherwise. Pkt., 5c.; ox., 40c.





SUGAR TROUGH GOURD

One packet each of the 20 cents. postpaid. above Gourds for only

HORSE RADISH.

The best Horse Radish is produced from small pieces of roots, four or five inches in length. These small roots will produce good Radish fit for use in one scason's growth. Plant the set small end down, where the slanting cut is, and so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy and may be left in the ground until spring before digging. A part of the crop may be pitted late in the fall if desired. A dozen roots will give all that will be needed for family use for a lifetime; as it constantly increases, it is best to plant it in some out of the way corner of the garden. A very profitable crop for market gardeners to grow. By mail (postpaid) doz The best Horse Radish is produced from small pieces of roots, four or profitable crop for market gardeners to grow. By mail (postpaid) doz. 20c.; 50 for 60c.; 100, \$1. By express (not paid) 100 for 75c.; 300, \$2.; 500, \$3.; 1,000, \$5

HERBS. Herbs in general delight in a rich mellow soil. Sow the seeds early in the spring in shallow drills, one foot apart; when up a few inches thin out to proper distances or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude the air entirely. exclude the air entirely

Varieties with an * are perennials.

	pkt.	OZ.		pkt.	OZ.
Anise	5	10	*Lavender	. 5	25
Balm	. 5	25	Pennyroyal		
Bene			Pot Marigold	- 5	
Bohnen Kraut	5	1.5	*Rosemary		50
Borage	5	15	*Rue	5	30
*Caraway	5	10	Saffron	5	15
Catnip or Catmint	5	40 4	rage	5	1.5
Coriander	5	10	Summer Savory	5	1.5
Dill	5	10	Sweet Basil	5	1.5
*Fennel	5	15 .	Sweet Marjoram	5	25
*Henbane	5	20	*Tarragon	5	1.5
*Hop	10		*Thyme	5	30
"Horehound	5	35	*Winter Savory	5	20
Пуssор			*Wormwood	.)	35
*					

KOHL RABI—Turnip-Rooted Cabbage.

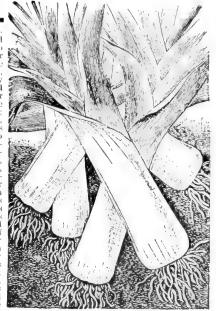


When young and tender they are fine for table use; when matured they keep well and are ex-cellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or the first of July in rows 18 inches apart, transplanting or thinning out to 8 inches in the row.

EARLIEST WHITE VIENNA-Excellent for forcing and of fine quality. Pkt., 5e.; oz., 20c.; ¹₄ lb., 60c.; lb., \$2.00.

EARLY PURPLE VIENNA-An excellent sort. largely grown for table use in Germany and tria. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00. grown for table use in Germany and Aus-

Leeks are especially de sirable for soups, and considered by many to have a better flavor than the onion; can be cultivated in two ways either by sowing early in spring in a seed-bed and transplanting, or by sowing ou's ide where they are to grow; if sown in a seed-bed, when about six inches high, transplant into deep, rich soll, five in-ches apart; use a dibble, and plant deeply, close to their leaves, that the neck may become blanched; or they may be planted in trenches six inches deep and the trenches filled in gradually as the plants grow, a good watering at the time of transplanting is very beneficial. If sown outside, sow seed early in spring, in rows eighteen inches apart: when four inches high, thin to four inches apart. Transplanted plants always produce earlier and larger



BROAD LONDON FLAG LEEK.

Broad Scotch, or London Flag-An old standard hardy kind with large, strong plant, broad leaves. Pkt., 5c.; oz., 10c.; 141b., 30c.; 1b., \$1.00.

Large Musselburg (Carenton, or Scotch Champion)-A favorite market sort of enormous size, leaves large and broad; thavor very mild and pleasant. Pkt., 5c.; oz., 15c.; ½, lb., 40c.; lb., 1.50.

Rouen, Very Large Winter—A large and excellent variety; good for forcing. Pkt., 5c.; oz., 15c.; ½ 10., 50c.; lb., \$1.75.

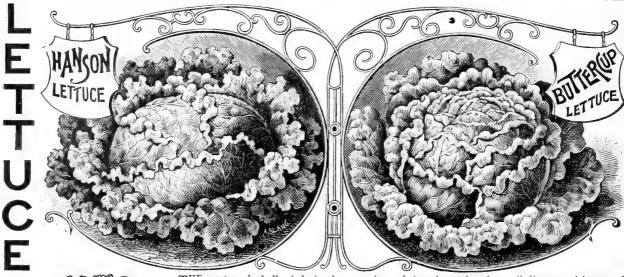
MUSTARD.

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Cultivate the same as Cres

Southern Claract Curled—This mustard is very highly esteemed in the South, where the sced is sown in the fall, and the plants used very early in the spring as a salad. The seed is brown and produces plants which grow about two feet high and form enormous bunches. Pk., 5c.; oz., 10c.; ½ 1b., 25c.; ib., 90c.

White English—The leaves are light green, mild and tender when young; seed, light yellow. Pkt., 5c.; oz., 10c.; 1, 1b., 15c.; lb., 40c.

Brown or Black—More pungent in flavor than the White. Pkt., 5c.; oz., 15c; ½ [b.; 15c; Lb., 40c.





SILVER BALL LETTUCE

THE most used of all salads, is of easy culture, being almost free from all disease and insects. It requires rich, moist soil, and clean cultivation. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed-bed in September or October, and protect through the winter with cold frames, or in the South with leaves or litter or sow in a hot-bed in early spring; as soon as the ground can be well worked transplant in good rich ground, to rows 18 inches apart, and 8 to 10 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat-resistance. If sown outside to be cut young, sow thickly in drills or broadcast; but if strong, fine heads are desired, sow in drills 1/2 inches apart, and thin, rather than transplant, to 12 inches apart in the rows. One ounce of seed for 2,500 plants.

IMPROVED HANSON—None more reliable for out-door cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage and so slow to run to seed that it often fails to form a seed stalk. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any bitter unpleasant taste. The stock we offer is the same as that sold by us for many years, and from the fact that we never get any complaint, from it we judge it gives No. 1 satisfaction, and is as good as any of the "crack" strains offered at fancy prices. Pkt., 5c.; oz., 15c.; ¼1b., 40c.; lb., \$1.25.

BUTTERCUP—A new German variety recently introduced. The plant is very distinct and attractive, the leaves are of a beautiful yellow color, and very sweet and tender. The plants are vigorous, but do not run to seed until very late, remaining in condition for use the longest of any variety. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., 81.25.

SILVER BALL—This is one of the best all the year round Lettuces we know of. It is an excellent variety, as well for early spring and summer use as winter forcing. The heads are silvery white, very firm and compact, with beautifully curled leaves. It is of fine quality. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

DENVER MARKET—An early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color. The leaves are beautifully marked and blistered (like the Savoy Cabbages) and very crisp and tender, and of excellent flavor. By these blistered leaves it distinguishes itself from other kinds of Lettuce. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb.; \$1.50.

TENNIS BALL BLACK-SEEDED—A favorite hard head forcing variety. Has few outer leaves, can be planted closely under glass, six to seven inches. Largely used in hotbeds, cold frames and greenhouses. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.25.

WHITE SEEDED TENNIS BALL—A fine early sort, much like Black Seeded. Pkt. 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.25.

BOSTON MARKET—An improved Tennis Ball, attaining a larger size. Grows very compact, is white and erisp, and one of the best forcing head varieties. Pkt., 5c.; oz., 15c.; 24 lb., 40c.; lb., \$1.25.

BLACK-SEEDED BUTTER—Similar to Tennis Ball, but larger. Extensively used as an out-door variety; excellent in flavor; comes early. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

YELLOW SEEDED BUTTER—This is a very distinct sort, making a large dense yellow head, or a very handsome appearance, very crisp and tender, and excellent in flavor; heat-resisting. Pkt. 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.50.

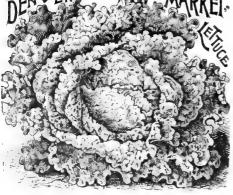
COLDEN YELLOW STONEHEAD-A fine variety; very solid heads of great beauty. As early as White Tennis, has larger heads, and is unsurpassed for table use. We recommend it most highly fo. forcing or earliest spring crop—Its handsome appearance command a ready sale. Pkt., 5c.; oz., 15c.; ½ 1b., 50c.; 1b., \$1.50.

EARLY CURLED SILECIAN—One of the oldest and earliest, for out-door planting. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.25c.

BOSTON CURLED—A very beautiful and distinct variety. Deep, rich green in color, with many broad leaves so deeply frilled the plant looks like a bunch of moss; good quality. Pkt., 5c.; oz. .15c.; ¼ lb., 35c.; lb., \$1.25.

MAMOTH MARBLEHEAD—The largest header of any measuring eight inches across the solid head, or as large as a good cabbage. The heads are closely wrapped together leaves lightish green; second early; tender and crisp, and free from bitterness. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.75.

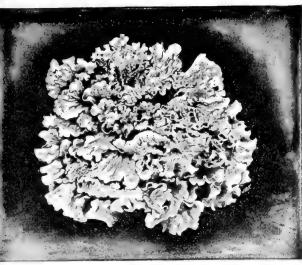
BLONDE BEAUTY (BLOCKHEAD-SUNSET)—A New Summer Lettuce of a bright golden tinge and attractive form. It resists the heat to a remarkable degree, and is also an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct and a superior sort for shipping and the home garden. Pkt., 5c.; oz., 20c.; ½4 lb., 50c.; lb., \$1.75.



PAULS

BLONDE BEAUTY LETTUCE

See Nove ty List for Description of WHITE STAR and CELERY LETTUCE.



BRAND RAPIDS FORCING. This variety developed of Grand Rapids, Mich., and is especially adapted for green-

touse culture in winter. It is the result of lifteen years' selection from the Black Seeded Simpson, which is generally recognized as the stand-red for forcing for the home market. It is superior to and more beau-iful in appearance than the Simpson. It is of rapid, upright growth, iful in appearance than the Sinuson. It is of rapid, upright growth, and may be planted close; not liable to rot, standing several days after being ready to cut without injury; retains its freshness a long time after being cut, hence much sought after by dealers and especially shipsers; the quality is very desirable, and while it is especially adapted to oreing, it is a good lettuce to sow early for family use. By the use of the Grand Rapids, gardeners have distanced all competitors, finding tready sale for all their surplus at profitable prices in New York and other large markets. Of course they have jealously guarded the seed so that until recently it has been impossible to obtain pure, true and reliable seed. Our present stock was grown, at double the cost of ordinary seed, from carefully selected plants, by one of the leading growers of Grand Rapids, and we feel fortunate in having such superior stock to offer our customers. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., §2.75.



CURLED SIMPSON LETTUCE.

BLACK SEEDED SIMPSON (CURLED)-This is a yery popular sort among our home gardeners. It forms a large, loose ers. It forms a large, toose head; its nearly white leaves are large, thin, ex-ceedingly tender, and of very good quality. It is one of the very best sorts for the frame or hot house as well as for early out-door planting. It is not so good for shipping as Grand Rapids. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

EARLY CURLED SIMPSON—Does not head, but forms a compact mass of curly leaves of a yellowish green. It matures earlier than the firm head sorts, hence is very generally grown in cold frames, also for an early outside crop. Pkt., 5e.; oz., 15e.; 1/4 lb., 40e.; lb., \$1.25.

MUSHROOMS.

One of the most profitable grops for the outlay that can be grown;

the market is sure, because the supply never equals the demand.

Mushrooms can be grown in any dark room or cellar, where the tem-perature can be kept at from 50 to 70 degrees. From some old pasture To every bushel of this soil

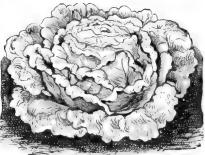
perature can be kept at from 30 to 50 degrees, procure good rich soil and store it away. To add two bushels of fresh house manure. Of this well-mixed compound prepare a bed, say four feetin width. Put down at thin layer and pound it down hard, and go on until you have a bed 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot part, and put in the snawn, two or a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition

smooth. Let the bed remain in this condition about twelve days; then cover the bed with some two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and unit

DEFIANCE SUMMER

qualed for long-standing. One of the finest large growing Cabbage Lettuces. It forms VERY LARGE, SOLID HEADS, SO firm that they have to be cut open to allow the flower heads to come through. The leaves are light green. Pkt., 5c.; oz., 15c.; ¼ lb., 50.; Ib., \$1.75.

PERPETUAL (IM PROVED SIMPSON)-The leaves are of a yellowish light green color, and are slightly oily to



DEFIANCE SUMMER LETTUCE.

the touch. Ready for early use. Fine in quality for weeks. Pkt., 5e.; oz., 15c.; $\frac{1}{2}$ lb., 40c.; lb., \$1.25.

TOMHANNOCK—Forms a beautiful plant, 10 to 20 inches high by 9 to 12 inches across. The edges of the outer leaves are of a glossy reddish bronze; handsomely wrinkled; leaves white, very crisp and tender. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.50.

LIVINGSTON'S COLDEN HEAD—A superbeabbage variety. Heads well; crisp and tender. Pkt., 5c.; oz., 15c.; ½ lb., 75c.; lb., \$2.50.



PHILADELPHIA BUTTER LETTUCE.

NEW SALAMAN-**DER**—For summer use. Forming good-sized, compact heads; color light green outside and white on inside; withstands heat. Pkt.; 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

EARLY WHITE CABBACE-Very ten der; large, solid green ish white heads; stands heat extremely well. Pkt., 5e.; oz., 15e.; ½ lb., 40e.; lb., \$1.25.

PHILADELPHIA BUTTER, or EARLY WHITE HEAD-A

thick-leaved, smooth lettuce, round, dark green leaves formed into a very solid, round head, stands a long time without running to seed. The inner leaves blanch a rich yellow; quality first-class. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb. \$1.25.

PHILADELPHIA DUTCH BUTTER SPECKLED-Producing large heads of excellent quality; one of the best for the market gardener; stands heat well and slow to run to seed. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb 81 35.

CHARTIER, OR BROWN CURLED-One of the very best, both for forcing and out-door culture. Leaves are nicely curled, forming immense stalks and heads. When grown under glass it is of a whitish color, but in the open air it turns very brown, remaining, however, very tender and crisp a long time. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

We can also supply the following well-known Lettuces Price of each, post-paid-Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

Tennis Ball, Black Seed. All the Year Round. Tennis Ball, White Seed. Ferry's Prize Head. Deacon. Oak Leaf. Paris Cos. New York. Eureka. India Head.

....

form temperature and very rich soil. One pound of spawn is sufficient for a bed two by six feet. We are always willing to answer questions from customers pertaining to the culture of vegetables, etc., to the extent of our knowledge, and will give more explicit directions about the culture of Mushrooms on application, but we would advise the Mushroom grower, and especially the new beginner, to get a book on the subject, written in full by an experienced grower, such as "Robinson's Mushroom Culture," bound in cloth, 50c, "Falconer's Mushrooms and How to Grow Them," \$1.50.

We can supply these books (postpaid) at the above prices

Our spawn we import direct from the best maker in England.

English Spawn, One Pound Bricks (postpaid), 35c.; (not paid), Lb., 20c.; 5 lbs., 75c.; 10 lbs., \$1.25.

French Spawn, loose-Lb., 35c. By mail, lb., 50c

MARTYNIA.



A hardy annual plant, the seed pods of which, if picked when green and tender make excellent pickles. Plant in May in tho open ground, about three feet each way leaving but one plant in the hill.

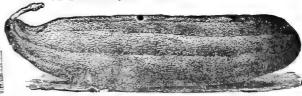
Proboscidea-Pkt 5e roz., 25c.: 1/4 lb., 75c



PERFECTION MUSKMELON.



MELONS.



A rich, sandy soil is most desirable for melous; MUSK.

If the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow very rank the tips of the leading shoots should be pinched off when about the plants grow th

three feet long; also, if the fruit is excessive they may be thinned out, which will cause the melons to ripen earlier and will increase the size of the fruit. Melons may be forced like cucumbers, and the practice is growing in favor annually among melon men, as the method becomes better understood and on account of the large profits gained by having home-grown melons in market some days ahead of the outside planting. Cultivate thoroughly and often to keep down the weeds and bugs.

One ounce of seed for 60 hills; 2 to 3 pounds for an acre.

LARGE CREEN NUTMEC-Round; large size: green flesh. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

BALTIMORE NUTMEC—"Cantaloupe"—Has a beautiful heavily netted green skin: of good size; oval, drawn slightly to a point at stem and slightly ribbed; flesh, thick, green, very finely flavored, smooth and sweet; very productive, and Never Bursts open at blossom end. Our stock is the "Josh" Stewart large strain, which out-sells all others in the Baltimore markets. It is so solid that it can be shipped in large sized barrels without injury. Whole boat loads of it are loaded at Baltimore for Philadelphia and New York, which speaks high praise for it, as these are very critical markets. Select Stock—Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 80c.

PERFECTION—(PRINCESS)—Is quite large, (5 to 8 lbs.), dark green skin, heavily netted; has a remarkably small seed cavity; flesh very thick, of a rich orange of flavor—in fact, about perfection. Sells well in mers. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00. flesh very thick, of a rich orange color, very sweet, watery, and of a most delicious fact, about perfection. Sells well in any market, because it invariably pleases custo-

THE BANQUET—Obtained by years of careful selection and improvement at the hands of the largest and most experienced grower of melons in the world. Medium in size, very beautifully netted; quality very good; flesh uniformly deep; color, dark, rich salmon. Pkt., 5c.; oz., 10c.; netted; quality very 1/4 lb., 30c.; lb., \$1.00.

NEW ORLEANS MARKET—A large species of the nutmeg class, extensively grown for and pre-size, very roughly netted and of luscious flavor: green fleshed. New Orleans market. It is large in size, very roughly netted and of luscious flavor: green fleshed. Can not be excelled for growing South. Our seed is grown from stock secured from the best New Orleans source. Pkt., 5c.; oz., 10c.; South. Our seed is g 1/4 lb., 30c.; lb., \$1.00.

GIANT CHICAGO—This fine melon has been grown for many years for the Chicago market by Mr. Carter, a market gardener of long experience, and especially successful as a melon grower. It is one of the very sweetest, large and very productive; decidedly ribbed, extra well netted, with very thick green flesh; in shape about like New Orleans Market, (see cut.) Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

MONTREAL MARKET—THE LARGEST ROUND MELON IN THE WORLD, weighing 20 lbs. and upward, (they have been grown to weigh 39 lbs.) To all who wish to grow the handsomest melons possible for exhibition, or extra large ones for market, we recommend this one. The shape is almost round; deeply ribbed; skin, green and densely netted; flesh remarkably thick, light green, and of fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

BAY VIEW-The leading oblong, green-fleshed sort; hardy; can be picked green, and ripens well while in transit; they weigh from 10 to 20 lbs; prolific and of fine flavor Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 85c.

BIRD'S CANTALOUPE—An early oblong melon, similar in shape to Bay View, but of finer flavor; good keeper, thick flesh, light green in color, and of good quality. With good custure it attains immense size. Pkt., 5c.; oz., 10c.; ½ 1b., 30c.; 1b., \$1.00.

BANANA—(From Two to Three Feet Long)—Yellow-fleshed, entirely free from netting; skin delicate straw color; flesh quite thick and blends from bright green to a rich salmon color, making a fine and striking contrast; early; prolific; quality equal to the common muskmelon, and has a delicious fragrance; reminds one of an over-grown banana. Pkt., 5c.; oz., 10c.; ½ lb., 35c.; lb., \$1.25

EMERALD CEM—A GREAT FAVORITE—Medium size, nearly round; flesh a delicate light salmon color, very thick, fine grained and of most excellent flavor. The rind is thin, dark green, ribbed but not netted. While not quite as good a shipper as the Osage, it is undoubtedly one of the best for home use. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.

MILLER CREAM-Ranks high as a market melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and is so thick that the melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive; medium in size, and resembles the Osage very much, but is not quite so well netted or as large as our selection of Osage. Pat 5c.; oz., 10c.; 14 lb., 25c.; lb., 85c.

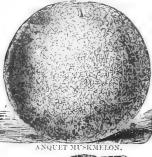
CHAMPION MARKET—Almost a perfect globe in shape, and densely netted, making one of the handsomest melons known. Very Uniform in Size and Shape. (4 to 6 lbs.) The flesh is thick, green in color, and of rich, sweet flavor: very productive, frequently bearing seven perfect melons on a single vine, which mature quite early, and ripen up finely. An excellent shipper. Pkt.,5c.: oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

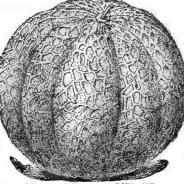
HACKENSACK—(TUEK'S CAP)—Without doubt the BEST GENERAL CROP MELON. It is round, well netted, large size; flesh green and thick; delicious flavor; beautiful in appearance. Very popular the country over, Our stock of this can not be excelled. Pkt., 5c.; oz., 10c.; ½ lb., 2bc.; lb., 80c.

EXTRA EARLY CREEN CITRON-(FIRST IN MARKET)-The largest of the very early nutmeg melons. Form nearly round; fairly netted; flesh green; qualit merit consists in its extra early habit. Pkt., 5e.; oz., 10c.; ¼ lb., 25e.; lb., 85e.

EARLY CREEN FLESH NUTMEC-THE OLDEST NUTMEG OF ALL, and one of the very Sest; highly scented, thick and sweet, and finely flavored of medium size and quite early. Pkt., Se.; oz., 10c.; 14 lb., 25c.; lb., 85c

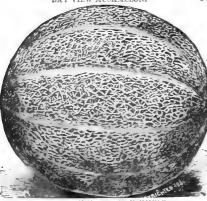
EARLY NETTED CEM—(EXTENSIVELY GROWN BY LARGE SHIPPERS, and especially suited for shipping in baskets or crates.) Shape almost a perfect globe: grow remarkably uniform, weighing from 1½ to 2 lbs. each. They are thick meated, the flesh is light green in color, and uniformly of fine, luscious flavor; skin green, regularly ribbed and thickly netted Very productive and extra early in ripening—no variety being earlier; will keep for nearly a week after picking. Many prefer this melon to all others for table use. (usually served is balves—Pkl., [c.; oz., 10c.; ½ lb., 30c.; lb., \$1.0°)



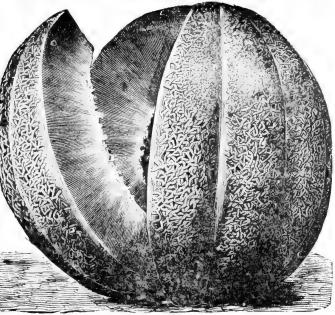


NEW UKLEANS PLAKKET NUTMEG





CHAMPION MARK "I MUSKMED



OSAGE MUSKMELON.

DSAGE The leading favorite of all the yellow-fleshed varieties with Western growers and shippers. It is large, oval, lightly ribbed and netted; skin very dark green; flesh a deep, rich salmon, weet and highly flavored to within half an inch of the rind; it is very sellom, indeed, that a melon of poor quality is found. The whole crop is very ven and extra heavy owing to the thickness of the meat. NO BETTER SEED THAN WHAT WE OFFER CAN BE FOUND, NO MATTER WHAT PRICE MAY BE ASKED FOR IT. Pkt., 5e.; oz., 10e.; 14 lb., 30e.; lb., 85e.

EXTRA EARLY HACKENSACK By careful selection and improvement, carried on or some years, this strain has been so developed that it produces melons equally as large and with all the good qualities of the well-known Hackensack. equality as large and with all the good qualities of the well-known mackensary, but two weeks earlier; it is of the nutineg shape, heavily netted, and has light green flesh of delicious flavor. Its shape and solidity admits of its being backed very closely in crates for shipment, and it will keep in good condition or several days after picking. The seeds do not shake loose enroute as in many other sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NEW GIANT MUSKMELON A very perfect, delicious, pure and desirable melon from Mexco. Seeds are mammoth in size, showing a distinct variety. Average size as arge as a water bucket. Outside it is light green, turning cream-white when the beautiful salmon colored meat; very rich and sweet, and never stringy; the flayor is pleasant but not high per park. they, with beautiful salmon colored meat; very rich and sweet, and never stringy; the flavor is pleasant, but not high nor rank. Pkt., 5c.; oz., 10c.; 4 lb., 35c.; lb., \$1.25.

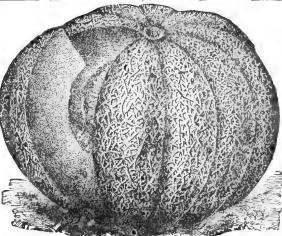
Livingston's Market MUSKMELON.

Many years were spent in perfecting this decidedly distinct and beautiful melon. A most valuable and beautiful characteristic is the close, strong netting. In vigorous growth it surpasses all other melons with which we are acquainted: this gives it great hardiness and ability to withstand drouth, bugs, etc. Its beautiful shape and handsome general appearance are remarked upon when placed side by side on the market bench or counter with any of the popular sorts of the day. It ripens only a few days after Early Hackensack, is more prolific, more uniform, bears longer, and the fruit is more solid; never bursts at blossom end; flavor and quality is all that can be desired. It is a green-fleshed variety, with small seed cavity, and remarkably little waste next the rind. We have no hesitation in claiming it to be the best green-fleshed variety ever offered for truckers and market gardeners. Choice Stock. Pkt., 10e.; oz., 15c.; 4 lb , 50c.; lb., \$1.50.

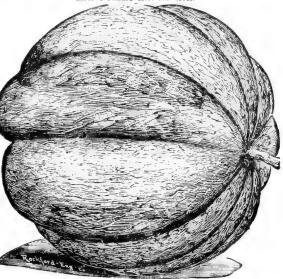
We can supply the following well known varieties of Muskmelons at the uniform price of 5c, per packet, 25c, per \S_4 pound, 85c, per pound:

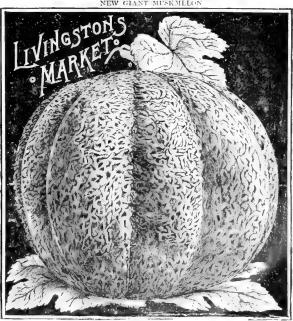
Skillman's. Chicago Nutmeg, Improved Christiana, Reedland Ciant, Delmonico, Long Yellow, White Japan, Surprise. Cassaba. Jenny Lind

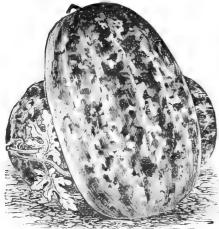




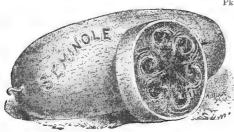
EXTRA DARLY HACKLINSACK

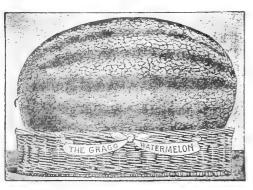


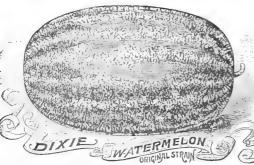




PHINNEY'S EXTRA EARLY WATERMELON.







than Kolb's Gem; red flesh, of fine flavor. Pkt., 5e.; oz., 10c.; 1/4b., 25c.; 1b., 75c.

PRIDE OF GEORGIA.—The melons are round in shape, striped light and dark green, uniformly of fair market size; the flesh is bright red and sweet. Pkt., 5c.; oz., 10c.; ¼ 1b., 25c.; 1b., 70c.

This melon has a very black green skin, long in shape, large and very heavy; flesh solid and red. Pkt., 5c.; oz., 10c.; ½ lb., THE BOSS.— 25e.; lb., 75e.

WATERMELON.
A light sandy soil with good exposure to the sun is best for Watermelons. It should be prepared deep but receive shallow cultivation, hoe often and thoroughly, if extra large melons are desired for exhibition purposes leave but one or two melons on a vine. Plant in hills 8 to 10 feet apart each way with a shovel full of well rotted manure mixed with the soil in the hill. If commercial fertilizer is used it should contain a large percentage of ammonia and potash. Plant 8 or 10 seeds in each hill, and finally leave, when danger from insects is past, but three strong plants.

One ounce of seed for 30 hills one to two pounds to an acre.

TRUE ICE CREAM.

THE GREAT HOME MARKET MELON—This is our best general crop variety for the home market, it has too thin a rind for shipping unless packed in straw. We have sold it for many years to our extensive Scioto Valley melon growers, for whom it brings the highest prices, and years to our extensive scioto vancy meton growers, for whom it brings the highest price), and meets with ready sale regardless of other varieties that may be on the market, because it has become a great favorite with Columbus Melon Dealers and consumers. Few, if any, surpass a TRUE LEC (REAM for quality and productiveness. Medium early, fruit oblong, large size, rind light mottled green, flesh bright scarlet, solid to the center, melting and delicious. Price, (postpaid), pkt., 5c.; oz., 10c.; ½ lb., 2 c.; lb., 75c.; 3 lbs., \$2.00.

Proberta, Cal.—"All the good qualities spoken of in your Catalogue about the True Ice ream Melon we have proved. Of the eight or ten varieties we have tried, it surpassed CREAM MELON We have them all.—H. T. Morse,

PHINNEY'S EXTRA EARLY—The first to ripen; good size, very productive, oblong in shape, flesh a deep red; a first-class early market melon. Pkt., 5c.; oz , 10c.; ½ lb., 25c.; lb., 75c.

RUBY COLD—A very long melon. They weigh from forty to fifty pounds; flesh is solid, pure golden yellow, variegated with streaks and layers of bright pink. Of most delicious flavor and melts in the mouth like ice cream, without a particle of core or string substance. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 90c.

SEMINOLE—Originated in Florida, and possesses four excellent qualities—it is extra Early, enoimously productive, large and of most delicious flavor. It is of two distinct colors, gray and light green. Melous of both colors are exactly the same in size, shape, color of seed, flavor, etc., and pronounced by competent judges to be exactly the same melon in every respect. The gray color predominates. Melous of both colors are found on the same vine. Try it. Pkt., 5c; oz., 10c; ½ 1b., 25c; lb., 90c.

HUNCARIAN HONEY-Grows to weigh 10 to 12 pounds; of perfect globe shape; skin dark green. Flesh deep red, stringless, and of the richest and sweetest honey flavor; ex tremely hardy and vigorous. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

CREEN AND COLD-A new golden-orange fleshed; novel and valuable variety. of good size, (.5 to :0 lbs.), early productive; rind very thin, the white being only \(\frac{9}{6} \) for thick; flesh is granular in appearance; juicy, very sweet and of delicious flavor. Its rich golden color makes it desirable as an ornament for the table, its golden slices contrasting with the crimson sorts. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 90c.

LIVINGSTON'S NEW CRACC-A new and very distinct variety in both inside and LIVINGSTON'S NEW CRACC—A new and very distinct variety in both inside and outside appearance. Color dark green, with alternate strips of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, which makes it handsome and tempting. Sweet, juicy, and melting, with a rich flavor. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardiness, and great productiveness. Large, oblong, just about the right size and shape for marketing. Pkt., 5c.; oz., 10c.; ½ lb., 30c; lb., \$1.00.

JUMBO—The shape is round; rind green with faint lighter stripes; deep red meat; ells rapidly at highest market prices. They have been grown to weigh eighty pounds—rom forty to sixty pounds is common. An extra good melon for shipping. Pkt., 5c sells rapidly at highest market prices. They have been grown to weigh eight from forty to sixty pounds is common. An extra good melon for shipping. 02., 10c.; ½ lb., 25c.; lb., 75c.

DIXIE—This new and already popular melon is from the land of Dixie where Water melons attain to the highest state of perfection. It originated with an extensive melon grower and shipper by crossing the old reliable Mondain Sucel with the new reliable Kolb Gem. It is now well established and retains the rich and Inscious quality of the Mountain Sycet and at the same time equals the Kolb Gem as a shipper, is earlier more productive and longer in shape. It is of a very fine appearance, dark green and beautifully striped, extremely hardy and its eating quality is unexcelled. Pkt., 5c.; 0z., 10c.; 141b., 25c.; 1b., 75c.; 31b., 52.00.

APPLE-PIE.—When stewed and made into pies is an excellent substitute for apples Pkt., 5c.; oz., 10c.; ¹/₂₄ 1b., 30c.; 1b., \$1.00.

PRESERVING CITRON.—Red seed. Used in making sweetmeets and preserves; flesh solid and white. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 85c.

COLORADO PRESERVINC—Much larger than the common preserving citron, weighing 25 to 40 pounds, and of better quality; flesh very solid and makes very clear, transparent preserves of fine flavor; seeds pale green. Pkt., 5c.; oz., 10c., 24 lb., 25c.; lb., 8c.

FERRY'S PEERLESS.—One of the best for the home garden and market gardeners who deliver direct to consumers. Pkt., 5c., oz., 10c.; 1/4 lb., 25c.; lb., 70c.

MOUNTAIN SWEET-One of the oldest and best for home and market garden ers use. Oblong, quite early, solid, large; rind thin, deep green, flesh deep, scarlet. Pkt., 5c.; oz., 10c.; 14 lb., 25c.; lb., 70c.

FLORIDA FAVORITE.-

An oblongshaped waterten

melon from Florida: days earlier



KOLB'S GEM WATERMELON.

THE GREAT SHIPPER-Our largest melon growers pronounce this THE GREAT SHIPPER—Our largest melon growers pronounce this he most successful shipping melon ever introduced. The rind, hough quite thin, is very tough, standing shipment long distances without breakage. The flesh is bright red and of excellent flavor, t is one of the largest (30 to 50 lbs.), most productive, best keeping and shipping melons ever grown. Owing to their fine appearance hey self readily at highest market prices. Our Stock CANNOT BE URFASSED, HAVING BEEN SAVED FROM CAREFULLY SELECTED MELONS. Price (postpaid), pkt., 5c; Oz., 10c.; ½ [b., 20c.; lb., 70c.; 3] Dis. for \$2.

Extra Selected Seed saved from fine specimens weighing from 0 to 50 words. Price (nostpaid)

0 to 50 pounds. Price (postpaid), pkt., loc.; oz., 15c.; 1/4 lb., 40c.; ingle lb., \$1.25; 5 lbs. for \$5.00.

VAUCLUSE RED FLESH. A new French melon, very early, and of large ize, with stem end slightly inclined to point. The flesh is a bright yery early, and of large ize, with stem end slightly inclined to point. The flesh is a bright rimson, very sweet, not in the least stringy and coming within an ighth of an inch of the skin; the seeds are also red. The rind, hough so thin, is very tough and the shell glossy, so that this melmis an excellent shipper. It is of a dark color, beautifully threaded with a still darker green. Pkt., 5c.; oz., 10c.; 14 lb., 25c.; lb., 85c.

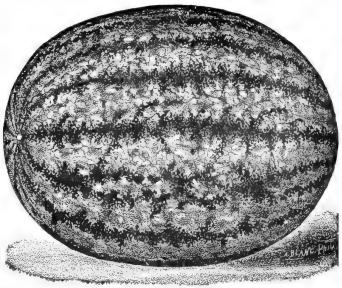
MAMMOTH IRONCLAD-Of immense size, handsomely marked, blong in shape, flesh bright red and very solid, heart large and lavor delicious. The rind, while very thin, is remarkably hard, t matures early and keeps well. It is a heavy yielder and one of the very best. Pkt., 5c.; oz., 10c.; ¼1b., 25c.; 1b., 75c.

DARK ICINC—Prized as a shipper. Very solid: rind very thin; white seed; excellent. Pkt. 5c.; oz. 10c.; ¹₄ lb. 25c; lb. 70c.; 3 lbs. 82.

We can supply the following well-known varieties at the uniform price of, pkt., 5c.; oz., 10c.; 14 lb., 25c.; lb., 85c.

Stokes Extra Early, Icing, Vick's Early, Delaware, Vick's Early, Black Spanish,

Cuban Queen. Cray Monarch,



ROLE'S GLM WATLEMELON

SUPERIOR LIVINGSTON'S ONION

LE take pride in the record of our fine strains of Onion Seed. Having grown onions for years, for market as well as for seed purposes, we are in position to fully appreciate the property there is for some or property. We take pride in the record of our first strains of Omon seed. Having grown obligits for years, for market as well as for seed purposes, we are in position to fully appreciate the necessity there is for using great care in the selection of the bulbs for seed purposes. There is no crop which depends more upon the quality of the seed. The seed we offer, we are sure, is not surpassed anywhere, and is thoroughly tested for vitality before it is sent out, so that it is sure to grow where soil and senson are favorable, and is sure to produce an abundance of well shaped bulbs, free from scullions or stiff-necks. Beware of poor seed offered at low prices. We can easily purchase onion seed that could be sold for 50 cents less per pound than our prices, but it would prove a very xpensive investment to the buyer in the outcome. We aim to sell at reasonable prices and as low as any seedsman who offers seed of first-class quality.

Write for special prices of five pounds or over, of one or more kinds wanted, naming the quantity of each. We offer special inducements to those wanting a Seed Drill or Cultivator in connection with Onion Seed.

FULL-SIZED ONIONS THE FIRST YEAR—The seed we offer will grow full-sized onions the first year. To do this they should be sown as on a possible in the spring, no matter if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds and effore dry hot weather sets in. Sow thinly, 4 or 5 pounds to the acre, in drills one foot apart, and about \(\frac{1}{4} \) of an inch deep, in strong land, well annured, and thin them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Vethersfield and either of the Yellow Danvers are usually preferred. Onions delight in a strong, rich, deep, loamy soil, and succeed well if ears on the same ground.

FALL SOWINC.—Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown f sufficient size to be fit for table use, thin out to 4 inches apart, to secure a crop of large onions. This plan works admirably in the South at will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.

For sets, sow the seeds in drills as early as possible in the spring, very thickly—40 to 0 lbs. to the acre. As soon as the tops dry off in sumaer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart and about inches apart in the drills; the onions, by this process, are obtained of a large size early in the season.

FREE. To customers, on application, full and complete instructions HOW TO CROW ONIONS, both by the ordinary method as well as by the New Transplanting System.

SHORT ONION SEED CROP.

On account of the great demand for onions at high prices last spring, the acreage put out for seed was very much short of that ordinarily put ut. This, with the light yield of seed from the 1892 crop, has caused quite an advance over last season's prices, more especially on White Portulal, White Globe and Globe Danvers. In comparing our prices with others BEAR IN MIND WE PAY THE POSTAGE at the prices here quoted

Large Red Wethersfield Onion.

For general purposes the country over, no variety is so argely grown, and more especially in the East where immense crops are raised for shipment. Large sized, somewhat lattened, skin deep purplish red, very productive, and the best keeper. We have grown it on various soils for over 35 years md can recommend it as a variety that will do well where any variety will, IF GOOD SEED IS USED.

Price (postpaid), Pkt., 5c.; oz., 20c.; 1 lb., 65c.; lb., \$2.25.

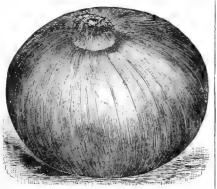
Bridgeport, O., (April 4, 1892)—"I raised some of the largest onions from seed I bought of you, I ever raised. Your seed is No. 1."

Havanna, III.—" Having used your onion seed for the last two years with such good success that I herewith send you another order for six pounds of the Large Red Wethersfield, and a list of other seeds."—WM HOFFNER



LARGE RUD WETHERSFIRED ONION





VELLOW DANVERS, GLOBE.

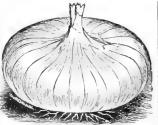
EARLY RED GLOBE—This is a very handsome variety, and deserving of general cultivation. It matures very early, keeps well, grows to a good medium size, skin deep red; flesh fine grained, flavor mild and tender. Do not confound this with Large Red Globe. Pkt., 5c.; oz., 20c.; ½ lb., 75c.; lb., \$2.75.

WHITE PORTUGAL OR SILVER SKIN—Ripens early, large in size, mild in flavor, excellent for winter use; much esteemed for pickling when small, and grows a handsome, good keeping set when sown too thick to grow big onions. Pkt., 10c.; oz., 30.; ½ lb., \$1.00; lb., \$3.75.

LARGE BERMUDA RED—This is not the Bermuda Island Onion, but a fine selection of fred at that time under the above name. It is perfect in shape, not so flat as Large Wethersfield; an abundant producer; in color, dark red, mild-flavored, moderately fine grained. Will grow 15 inches in circumference in one season from the seed if sown early and well cultivated; one of the very best keepers. Pkt., 5c.; oz., 20c.; ½ lb., 65c.; lb., \$2.25.

YELLOW DANVERS GLOBE—Extensively grown as a main crop in many sections of the country; of beautiful golden color; bulb medium large, quite early, thick, bottom nearly flat, top oval, with small neck; very prolific and a first-class keeper. The strain we offer of this popular variety cannot be excelled. Pkt., 5c.; oz., 25c.: ½1b., 75c.; lb., \$2.75.

LARGE WHITE GLOBE—By careful selection and cultivation we have developed this HANDSOMEST OF ALL white varieties until it is second to none as A GOOD KEEPER, yields abundantly, produces very handsome, large, pure white, globe-shaped bulbs, the flesh is firm, fine-grained, of mild flavor, and is in many respectisu-perior to the ordinary silver skin onion. Highly recommended by Prof. W. J. Green of the Ohio Agricultural Experiment Station, as an excellent sort for growing by the transplanting system as well as for long-keeping qualities. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb. \$3.55.



GIANT WHITE ITALIAN TRIPOLI

"NONE EXCELS BERMUDA."

Bettle Denman. Panover, O., writes: "No onion we ever raised excels your Bermuda; have nice ones to-day in good condition. A good keeper."

Aloah Carpenter, Chelsea, Vermont, writes: "Many thanks for favors received. I received premiums on onions last year."

PREMIUM ONIONS."

EXTRA EARLY RED—This is not a small onion, but a good, medium sized flat variety, very uniform in size and shape; smaller than Red Wethersfield, but about two weeks earlier; abundant producer, good keeper; very desirable for early market and good where seasons are short on account of its rapid growth, requiring short time to mature it; it also grows a handsome shaped set when planted very thick. Pkt., 5c.; oz., 20c.; ½ lb., 75c.; lb., £275.

SOUTHPORT LARGE YELLOW CLOBE-Very large, fine color, and keeps well. Pkt., 5c.; oz., 25e.; 1/4 lb., 85c.; lb., \$2.75.

SOUTHPORT LARGE RED CLOBE-Large and distinct in form, being nearly globular. Pkt., 5c.; oz., 20c.; 1/4 lb., 75c.; lb., \$2.75.

PHILADELPHIA SILVERSKIN—Celebrated for white sets. Pkt., 10c.; oz., 30c.; ½ lb., \$1.00; lb., \$3.75. PHILADELPHIA STRASBURG—Yellow set variety. Pkt., 5c.; oz., 20c.; ½ lb., 65c.; lb., \$2.25. YELLOW DANVERS FLAT-A splendid onion for the market or home use; more flat than the Globe Danvers.

Pkt., 5c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2 YELLOW DUTCH OR STRASBURC-A flat, yellow onion, a good keeper, later and larger than Danvers. Pkt.,

5c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2.25



BARLETTA PICKLES

➡ITALIAN ONIONS.~ The following varieties have been tested in all sections of the United States and have given good satisfaction. We

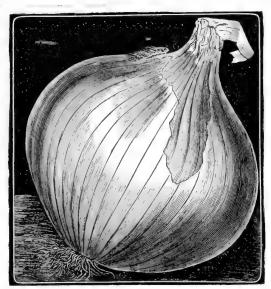
recommend them as very desirable for summer and autumn markets, because they generally command ready sales at good prices, especially when grown by the transplanting method; they are also valuable for the family garden. Large quantities are grown South and shipped to northern markets, but as they are not good keepers we would advise growers North who have not tested them to rely chiefly on the American Onions for their main crop. All Italian varieties are sweet and mild flavored, more so than the American onions, and are of very rapid growth.

EARLIEST WHITE QUEEN—A very nice, pure white, small, flat onion, 1 to 2 inches in diameter. Sown in early spring they will ripen in July. Sow again in that month and ripe onions in the fall, that will keep all winter, will be the result, if the weather is favorable during their growth. Very mild flavored and excellent for pickling. Pkt., 5c., cz., 20c.; 34 lb., 75c.; lb., 82.75.

EXTRA EARLY BARLETTA—this a distinct new variety and the very earliest onion in cultivation; Extra Earliest barber than Early White Queen, which heretofore has been the earliest variety. When mature the tops die down, leaving most beautiful and perfect little bulbs. The color is perfectly white, and the flavor exceedingly mild and delicate. One to one and-a-half inches in diameter, and three-quarters of an inch thick. Perfectly adapted for pickling as well as for table use, and makes a pretty bunch onion, especially if grown by the transplanting method. Pkt., 10c.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.75.

CIANT WHITE ITALIAN TRIPOLI (EL PASO, OR LARGE MEXICAN)-Of large size and most beautiful form, with fine white skin. The first season from the seed it will grow an onion somewhat larger than our White Portugal, but to attain their full size the seed should be sown very early in hot bed and transplant to rich soil. Pkt. 5c.; oz., 20c.; 24 lb., 70c.; lb., \$2.50. BERMUDA ISLAND RFD (TENERIFF)—A very early pale red onion, grown extensively in the Bermudas, and put on our markets early in the summer. Grown in our climate, the bulbs are smaller, but mature early and retain much of the mild, sweet flavor of the imported ones. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

Bermuda Island White—A little smaller, still milder flavored; white in color; otherwise same as the Red. Pkt. 10c.; oz. 25c.; 14 lb. 75c.; lb. \$2.50.



PRIZE TAKER ONIO ...

TRUE PRIZE TAKER ONION—This is the large, beautiful Spanish Onion that is oflered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hardy and a very fair keeper. Although of such great size, it is very lardy and a very fair keeper. The outside skin is of a rich yellow color, while the flesh is white, swet and tender. They bottom well and are free from stiff-necks, and have produced more bushels of marketable onions to the acre than any other variety known in America. In market it attracts marked attention, and sells readily at about double the prices of any other sort. Bewar of spurious seed. Pkt., 10c.; oz., 25c.; ¼ lb., 90c.; lb., \$3.50.

ROUND WHITE SILVER SKIN-This is uniformly small, round and handsome, with an opaque white skin which does not turn green upon exposure to the sun. They are compact and hard, but at the same time crisp and brittle, making them one of the BEST PICKLING ONIONS ever introduced. Pkt., 5c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2.50.

EXTRA EARLY PEARL ("BLOOMSDALE," "WHITE ETNA")-A Very fine and very early variety. The bulbs when well grown are very large, round, flattened, with a delicate pure white skin; flesh very mild and pleasant in flavor. Pkt., 10c.; oz., 25c.; 14 lb., 90c.; lb., \$3.50.

NEAPOLITAN MACCIAJOLA (ITALIAN MAY ONION)-A large, flat, beautiful, silvery-white skinned variety; one of the EARLIST of ALL; a fair keeper. Can be sown in February or Murch and will mature a crop very early; or if sown in July the crop will be matured the same season. In the South the seed can be sown in autumn, and large onions gathered in March. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.25.

MAMMOTH POMPEH (RED GARGANUS, COPPER KING)-This is a very fine Italian variety. It has produced onions weighing four or five pounds each. The skin is a delicate red, flesh close grained and nearly white and of very mild flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 65c.; lb., \$2.50.

CIANT ROCCA-An immense onion. Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. To attain the largest growth the smallest bulbs should be set out the next spring, when they will continue increasing in size instead of producing seed, as is the case with American varieties. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.25.

CIANT YELLOW ROCCA (SPANISH KING)—Resembles the above in every way except it has a beautiful yellow skin. Pkt., l0c.; oz. 25c.; 1b., 85c.; 1b., 83.50.

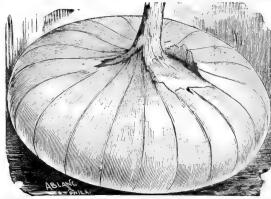
CIANT WHITE ROCCA, OR SILVER BALL-One of the handsomest in cultivation. It sells readily in market at high prices. It is a very distinct variety, almost globular in shape, with a beautiful silvery skin; flesh pure white, flavor very mild and delicious. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.50.

RED VICTORIA-Of distinct oval-round shape; can be grown to weigh two to four pounds each. Skin very dark red, flesh white or very dark rose-colored; mild and sweet; a good keeping variety. It grows best in loamy, heavy soil, which must be well worked; produces an enormous crop. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75

WHITE VICTORIA-Skin silver white, but sometimes of a delicate light rose-color: flesh juicy, sweet and milky-white. In other particulars it has the same qualities as the Red Victoria; it generally grows as large, and is of the same distinct oval-round shape. Pkt., 10c.; oz., 25c.; 1/4 lb., 85c.; lb., \$5.25.

RED MAMMOTH TRIPOLI-Similar in size and shape to the glant White Tripoli. Skin thin and of rich blood-red color; flesh white, fine grained, mild and pleasant; of quick growth, immense size. Pkt., 5c.; oz., 20c.: ¼ lb., 60c.; lb., \$2.25.

Buyers of Five Pounds of ONION SEED, or over, should write for our Special Inducements.



MAMMOTH SILVER KING ONION—Of attractive shape. skin and fish of a most agreeable mild flavor. It matures quite early skill and lesh of a most agreeable mild havor. It natures quite early and reaches a much larger size than any other of the flat white varieties, frequently measuring twenty inches in circumference and weighing from three to five pounds when well grown. We have sold this onion for the past seven years, and as our trade is annually increasing on it we do not hesitate to recommend it as one that is sure to please the grower. Pkt, 10c.; oz., 25c.; ¼ lb., 90c.; lb., \$3.50.

POTATO ONIONS. Esteemed by many as the best for flavor, very early, and a large producer; the small bulbs are planted in the spring and increase in size, and the parent bulb planted in the fall and spring produces a quantity of small bulbs in a cluster, growing mostly on the top of the ground. Price, (postpaid), pint, 20c.; quart, 35c. By express, (not paid), quart, 25c.; peck, \$1.25; bushel, \$4.50.

ONION SETS.

WHITE MULTIPLIERS-Are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets.

The largest of the sets, if allowed to grow through the summer, make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year.

TOP SETS OR BUTTONS-These produce the small clusters on the top of the stem, where seed is produced in the common kinds.

These small ones are planted in the

spring and the result is large onions, and these large ones, with one year's growth, produce the clusters on the top.

BOTTOM SETS-Are produced by BOTTOM SETS—Are produced by sowing the seed as early as the ground can be worked in the spring, very thickly in beds or broad drills, and not thinning out. About the middle of July, or whenever the tops die down, usually when about half an inch in diameter, they should be pulled and allowed to lay on the ground a day or two when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be bulnted out as early in loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used



ION-When once set out it grows for years without any protection or care, except to keep down the weeds. It starts so early in the spring that it is ready for

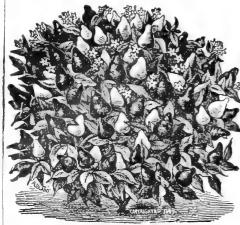
use a long time before any other onions can be had. It is mild flavored, sweet and tender. They form no large bulbs, but divide and grow as many as 15 to 10 small onions in one bunch. Desirable for family use. and very early and profitable for the market gardener.

ONION SETS.

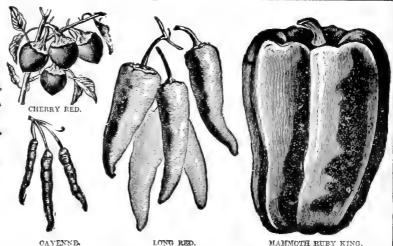
ONION SET PRICES. Pries are based on the present market rates and are subject to change, according to the market, without notice. The market fluctuates very much, hence we do not care to make a fixed price. Lowest market prices on small or large quantities will be given on application at any time. At bushet, peck and half-peck prices THE BUYER pays the express or freight; at pint and quart prices we pay the postage.

	Pt.	Qt.	% PK.	Pk.	Bus.
White Multiplier	.20	.35	7.85	\$1.60	86 00
Top Sets, or Buttons	.15	.25	.15	1. 0	4.25
White Bottom Sets	.15	.30	.75	1.25	4.75
Yellow Bottom Sets	.15	.25	.65	1.20	4.25
Red Bottom Sets	.15	.25	.65	1.20	4.25
Egyptian Sets	.15	.25	.60	1.06	3 75

Bottom Sets are sold by measure; Top Sets and Potato Onions by weight, 28 pounds for a bushel.



CHINESE CELESTIAL PEPPER.



Peppers should be started in a hot bed or cold frame and transplanted about the close of May in a sunny location, in rows about two feet apart each way. May also be sown in the open

ground when all danger of frost is passed, and the weather has become settled and the soil warm, and transplant as above when the plants are three or four inches high. Some very rich fertrager stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. One ounce of seed for 1,500 plants.

NEW COUNTY FAIR PEPPER-See Novelty List.

MAMMOTH RUBY KINC—Of immense size, and the mildest of all varieties. Ordinarily they grow four to six inches long, by three to four inches thick. When ripe they are of a beautiful, bright, ruby red color, and are always remarkably mild and pleasant to the taste. They can even be sliced and eaten with pepper and vinegar (like tomatoes or encumbers), and make a very pleasant and appetizing salad. The plant is of sturdy, bushy habit, and each plant produces from six to twelve handsome fruits. They should not be grown near the hot varieties or they will partake of their fiery nature. SEED—Pkt., 10c.; ½ oz., 15c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.25.

CHINESE CELESTIAL-It is not only a most useful pepper, but one of the most beau-TIF: L PLANTS in existence. The plant begins to set peppers early and continues until frost, branching freely, and bearing profusely. The pods are borne upright, conical in shape, and, up to the time they are full-grown, are of a delicate creamy-yellow, and when shipe, and, up to the time they are integrown, are that a derived a vertex to when loaded with fruit, part of one color and part of another, an object of the most striking beauty and oddity. Peppers are two to three inches long, of clear, sharp flavor, and superior for any of the uses to which peppers can be put. Pkt., 10c.; oz., 30c.; ½ lb., \$1.00; lb., \$3.50.

COLDEN DAWN-Productive and handsome yellow variety, almost exempt from fiery Not so large as Orange Mammoth. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.75. ORANCE MAMMOTH SWEET—A very large yellow sort, of fine shape, mild and unexcelled for mangoes; an improved variety. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ½ lb., \$1.00.

LARCE BELL, OR BULL NOSE—An early variety of mild flavor; rind thick and fleshy. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ½ 1b., 75c.; lb., \$2.50.

LARCE SWEET MOUNTAIN—Very large and excellent for mangoes. Pkt., 5c.; ½ oz., 15e.; oz., 25e.; ¼ lb., 75e.; lb., \$2.50.

CAYENNE—For making Cayenne Pepper Sauce. Small; pungent; used more than any other for making pepper sauce. Pkt., 5e.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.75.

LONG RED—Beautiful and productive, four inches long and an inch or more in diamter; flesh thick and pungent. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ½ lb., 75c.; lb., \$2.50.

Long Yellow-Similar to Long Red except in color. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 4 lb., 75e.; lb., \$2.50.

Squash or Tomato Shape—Fruit round, smoother and of milder flavor than the old varieties. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2,75. CHERRY RED-Fruit small, red, round and very hot. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.;

1/4 lb., 80c.; lb., \$3.00. Cranberry-One of the best for pickling: resembles the eranberry. Pkt., 5c.; 1/2 oz.,

15e.; oz., 25e.; 1/4 lb., 80e.; lb., \$3.00. OX-HEART—Medium size; heart-shaped, very productive and piquant; excellent for pickling. Pkt, 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

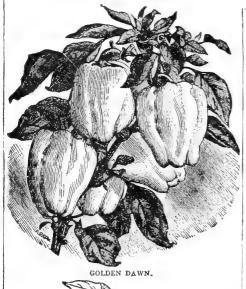
SWEET SPANISH-One of the largest and earliest varieties; the flesh is sweet and mild. Pkt., 5c.; ½ oz , 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

COLDEN QUEEN-This is a very beautiful and very large variety, In short, it is a Ruby King in every particular except in color. Pkt., 10c.; oz., 30c.; 14 lb., \$1.00; lb., \$3.50.

JAPAN RED CLUSTER-One of the most distinct and beautiful varieties; leaves small and narrow: its brilliant searlet fruit is curiously crowded together in bunches at the top of each branch. A single plant will bear hundreds of these handsome peppers. which are very hot and pungent. As a decorative plant for the flower garden it will be found very useful; as its bright colored fruit, which ripens early in the season, makes a charming contrast with its deep green leaves. Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

CORAL CEM BOUQUET—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. As a pot plant it is a most rapid selling article; beside its great beauty, it serves the housekeeper in a most convenient way when pods are wanted for seasoning. In the open ground the plant grows to a height of about two feet, and is so densely set with pods as to bend its branches. A splendid sort for making pepper sauce. Pkt., 5c.; ½ oz., 15.; oz., 30c.; ½ lb., \$1.00; lb., \$3.50.

Bloomingdale, Pa.-"The Mammoth Ruby King Mango seed I bought of you last year raised the largest mangoes I ever saw. One measured fourteen inches around."-Mrs. CRAWFORD ROOD.



LARGE BELL, OR BULL NOSE

OKRA OR GUMBO.

One of the most wholesome vegetables of the South. The pods, when young, make a fine soup of themselves, or with other ingredients, and

when pickled, are a fine sal-ad. Plant the seed after the ground is warm, thickly in drills three feet apart, thin-ning to one foot. Make early and late sowing to secure supply throughout the eason. No trouble to grow season. in good garden soil. Dwarf-Early and abundant bearer. Pkt., 5c.; oz., 10c.; ¼ 1b., 25c.; 1b., 75c. White Velvet-Decidedly he BEST OF ALL. It is ver distinct in appearance, and, unlike other varieties, the pods are not ridged, but are perfectly round, smooth, and of an attractive white.

velvety appearance, and of



PARSNIP.

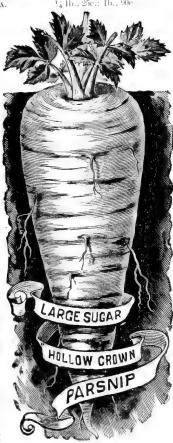
Sow as early in the spring as the weather will admit, in drills fifteen inches apart and half an inch deep, in rich, well manured ground, well dug. Cultivate similar to carrots and thin out to six inches apart in the rows. The roots apart in the rows. The roots improve by leaving in the ground over winter, securing enough in pits or the cellar for immediate use. One ounce to 200 feet of drill, five or six lbs. for an acre.

LARGE SUGAR OR HOLLOW CROWN (IMPROVED GUERN-SEY)—The best variety in cultivation for general use, roots intermediate in length, white, smooth, sugary, of excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.

Long White Dutch-Roots very long and smooth; hardy and keeps through winter winter without any protection. Pkt., 5c.; oz. 10c.; 14 lb. 20c.; lb. 60c.

Maitese Half-Long-Shorter than Hollow Crown; better for shallow ground. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Mt. Ephraim, O., April 2, 12. "I have been planting your seeds for six years, have always been satisfied with them and pleased with your promptness and honest dealings. I thank you very much for your xtra seeds you have sent with each order. You have my best wishes for continued success, which you richly deserve,"-Mrs. Day-



№ PUMPKIN. • ~

Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner, though on a larger scale. They are generally raised in fields of corn or potatoes, and may be planted with success in fields by themselves, in May or early June, in hills eight feet apart each way. One ounce for 15 hills. one pound for an acre.

MAMMOTH TOURS—A productive French variety, which grows to n immense size, often weighing over 100 pounds. Grown for eattle an immense size, often weighing over 100 pounds. Gand table use. Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00.

MAMMOTH ETAMPES BRICHT RED-This giant variety, from France is quite celebrated, and has been grown in this country to enor mous size; it is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Pkt., 5c.; oz., 15c.; 14 lb., 40c.; lb., \$1.50 FIELD "Cow Pumpkin"—
Groyn principally for feeding stock. Pkt., 5e 1b., 20c.; 1b., 40c. 5e.; oz., 10e.:

TENNESEE SWEET POTA-O PUMPKIN -Excellent for bies; pear-shaped; medium size pies; pear-shaped; medium size flesh and skin creamy white, fin grained; sweet and delicious first-rate keeper. Pkt., 5c.; oz. 10c.; ½ lb., 25c.; lb., 75c.

SMALL SUCAR-Very prol fic about ten inches in diameter; deep orange-yenow; hue-gran-ed; sweat, and keeps well. Pkt 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c CENUINE MAMMOTH OR

TRUE POTIRON (also called King of the Mommoths, Large

YELLOW FIELD PUMPKIN

King of the Mommoths, Large Yellow Mammoth, Mammoth \$50.00 Pumpkin and Jumbo Pumpkin) Form much like an immense Nutmeg Melon with depresed ends, slight ly ribbed and grows to an enormous size, three feet or more in diameter Skin salmon-colored; flesh bright yellow, fine-grained and of good quality. Pkt., 5e.; oz., 10c.; ½ 1b., 65c.; 1b., \$2.25.

ST. CEORCE (Negro, or Nantucket Pie-Good 'Pumpkin-Pie pumpkin. It is oblong in shape with ten or twelve prominent ridges from stem to blossom end; color of skin, very dark green, almost black flesh, orange color. Pkt., 5c.; oz., 10c.; '1 lb., 25c.; lb., 7 c. NEW JA ANESE—(rooknecked variety with extremely small seed

eavity: nearly all solid ment; quality extra fine. Seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive; ripens early; medium size; good keeper. Flesh a rich sal mon, unusually fine-grained; when cooked or stewed is dry and menty Easily cut and dried like apples, and make excellent pies or sance for winter use. Pkt., 5 ·· oz., 10c.; 34 lb., 30c; 1b., \$1.00.



LARGE SWEET CHEESE PUMPKLS

LARCE SWEET CHEESE-Fine for pies. Productive; flesh yellow sweet; keeps well into winter. Pkt., 5e.; oz., 10e.; 14 lb., 25e.; 1b., 50e

LARCE SWEET OR PIE-Not so flat as Cheese, larger, very heavy thick meated and sweet. More generally grown in this State than any other, both for stock feeding and table use. Skin dark orange and some times mottled with green. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

THE JONATHAN-Excellent new variety introduced last season. erookneek variety: large size: very prolific; good keeper; flesh smooth and even; sweet and fine for pies. Pkt., 5e.; oz., 10c.; ½ lb., 30c.; lb., \$1

PARSLEY.

Parsley is used for seasoning soups, meats, etc., for salads and gar-nishing, also for an ornamental border for the flower garden; it suc-

ceeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing some-times before it makes its appearance, it should be sown early in spring, in rows one 1 11 foot apart; sow thick and cover half an inch deep,



finely thin to five or six inches in the row, or transplant and cut back frequently winter use protect in a frame or light cellar. One ounce for 150 feet of drill. FINE DOUBLE CURLED-A fine dwarf variety. Pkt., 5c.: oz., 10c.;

CHAMPION MOSS CURLED—Very beautifully crimped and curled. Pkt., 5c.; oz., 10c.; 14 lb., 20c.; lb., 75c.

EXTRA CURLED EMERALD—Distinct from other varieties, being a lighter shade of green. The plant is dwarf, with leaves finely cut and curled. Pkt., 5c.; ½ lb., 25c.; lb., 85c.

FERN LEAVED—Very beautiful; more like crested fern or moss than Parsley; grand for table decoration. Pkt. 5c.; oz. 10c.; ¹/₄ lb. 25c.; lb. 85c.

Plain-The leaves are plain; it is hardier than the curled. Pkt., 5c.; oz., 10e.; 14 lb., 20c.: lb., 65c.

Hamburg, or Turnip-Rooted-A fleshy-rooted kind; the roots are use for flavoring soups. Pkt., 5c.: oz., 10c.: 34 lb., 25c.; lb., 85c

PEAS.

light, rich soil; for a gen-eral crop, a rich, deep loam, or inclining to clay would be best. They thrive bet-ter if the ground has been manured for a previous crop, but if the ground is poor and re-quires manuring use well rotted manure; for the dwarf varieties you can hardly make the soil too When grown for a market crop they are never staked, but are sown in single rows one inch apart and three inches deep, the rows from three to four feet apart, according to variety or soil. When grown in gardens they are sown in double rows, six or eight inches apart, the tall ones requiring brush, which is stuck in between the rows. Commence sowing the early ties as early as the ground can be worked in the spring, and continue for a succession every two weeks up to June, discontinuing until the middle of August, when a good crop can be secured by sowing the extra early and early sorts. They should be kept clean with the cultivator



or hoe, and earthed up twice during growth. Wrinkled varieties are not as hardy as the small, hard sorts, and if planted early should have dry soil or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. One quart sows 80 ft. of drill; 2 to 3 bushels to the acre.

REMEMBER | That WE PAY THE POSTAGE on Peas at the prices quoted.

LARGE PACKETS.—Customers write us that our packets contain more seeds than others. QUART AND PINT PRICES include postage; if to go by express at buyer's expense, deduct 15 cents per quart, or 8 cents per pint, from prices below BUSHEL AND PECK PRICES see Special Page at the end of this list.

LIVINGSTON'S FIRST IN MARKET PEAS.

Several years ago, when we introduced this variety, the name was chosen because it was an appropriate one for this, the earlier of all the very early Peas. It means first peas in Market and first money to every one who grows from this stock for market purposes. It is very properties for the Gardener and Shipper because it is very early, ripens uniformly, so that all the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush of other support is required, as they seldom, under any circumstances, grow to exceed twenty inches in height. The pods are handsome, straight, and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. We have been carefully looking into the Eall Early Pea subject and testing the various "strains" and "brands" on the market for years, until we are convinced, as well as all of our customers who have given them a trial, that First in Market Ladbs all. Our grower, who is a pea expert, is located as far north as the pea can be grown to perfection. The climate of this latitude, we find, forces a quick, vigorous growth of pod and no uscless foliage, and gives the stock decided advantage over that grown in the large pea growing sections farther south, where most all of the peas for seed purposes are grown. We make the price low that all may try it.

PRICE, (postpaid), pkt., 10c.; pint, 20c.; quart, 40c. Price per bushel and peck will be found at the end of the Vegetable Seed List. Several years ago, when we introduced this variety, the name was chosen because it was an appropriate one for this, the EARLIEST of all the

AMERICAN WONDER.

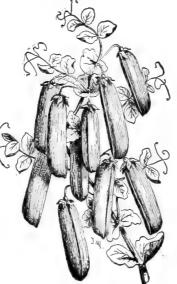
This variety LEADS ALL DWARFS in point It is variety LEADS ALED WARFS in Point of earliness, productiveness, flavor and quality, and is THE EARLIEST large green wrinkled pea in cultivation. It is of dwarf and robust habit, growing about ten inches high, and produces a profusion of good sized and well filled pods fairly packed in of the finest flavored Peas. Ours is the True Bliss Stock and will please the most critical. Pkt., 10c.; pint, 20c.; quart, 40c.

MCLEAN'S LITTLE CEM-A gemindeed. Dwarf green wrinkled variety, 12 to 14 inches high: prolific and of very superior flavor. Pkt., 10c.; pt., 20c.; qt., 40c.

EXTRA EARLY PREMIUM CEM-Very fine dwarf pea of Little Gem type, on which it is a decided improvement, larger pods, more productive. Best and most profitable Early Wrinkled Pea for market gardeners, and for family gardens there is none better, Pkt., 10c.; pint, 20c.;

quart, 40c. LANDRETH'S EXTRA EARLY-The well-known early variety. Height, two and a halffeet. Pkt., 10c.; pt., 20c.; qt., 40c.

KENTISH INVICTA-About five days later than the Daniel O'Rourke; pods of a fine green color; very prolific and of ex-cellent flavor. One of the best for can-ning, and a good general market variety. Pkt., 10c.; pint, 20c.; quart, 40c.



AMERICAN WOND R PEA.

BLUE BEAUTY PEA.

Its distinctive feature is its unusually regular habit of growth. Height, 1% feet. It is a blue, round pea, and is nearly as early as the American Wonder. Pods of medium size, borne in the greatest pro-fusion, and are well filled for so early a pea. In quality and flavor, Blue Beauty cannot be surpassed. Price (postpaid), Pkt., 10c.: pt., 25c.; quart, 40c. By express (not paid), qt., 25c.; 5 qts., \$1.; peck,\$1.50.

NEW ALASKA—This BEAUTIFUL BLUR market pea has become a standard variety and is the EARLIEST OF ALL BLUE PEAS, proving to be not only several days earlier than most early sorts by of laws aim and to war and the peace of the pea but of larger size and ten per cent, more productive. The vines are dwarf, grow-ing only about twenty inches high; very uniform, maturing the crop for one picking; of excellent quality, and retains its desirable color after cooking. Pkt., 10c.: piut, 20e.; quart, 40e.

Improved Dan'l O'Rourke-A very good strain which we consider fully equal to most stocks offered as Extra Early. Pods of fine shape, contain from five to eight peas of fine quality; prolific, uniform in growth and ripening; height $2\frac{1}{2}$ feet. A fine pea for the family garden, because it grows taller, lasts longer, and produces more peas than those grown expressly for market gardeners' use. Pkt. 10c.; pint, 20c.; quart, 35c.

We can supply the following well-known vareties at the uniform price of 10c. pkt., 20c. pint., 40c. quart.:

Blue Imperial,

Alhpha. Tom Thumb,

Blue Peter,

Rural New Yorker.

Yorkshire Hero.

MEDIUM EARLY SORTS,

ABUNDANCE-Plants half dwarf, fifteen to eighteen inches high, pods large size, containing six to eight wrinkled peas of excellent quality. It ripens second early Sow the seed much thinner than usual, six inches apart being the proper distance, as it has a remarkable tendency to branch. Pkt.; 10c.; pint, 20c.; quart, 40c.

EVERBEARING—A new variety, maturing soon after the Gem, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the top six to ten broad pods. Peas wriukled, large, cook quickly, and very tender; superior flavor, although they are not quite so sweet as some. Pkt., 10c.; pt., 20c.; qt.; 40c.

MCLEAN'S ADVANCER-A green, wrinkled variety, about two and a half feet high, with long pods, which are abundantly produced and will filled to the end.

About the best second-early on the list; excellent flavor. A favorite with canners: a good one for market gardeners, as it comes in close after First in Market. Pkt., 10c.; pint, 20c.; quart, 40c.

HORSFORD'S MARKET CARDEN—A wrinkled variety coming in between the Little Gem and the Advancer. In habit of growth quite distinct. Vines two feet high and yery even and regular. A most prolific Bearer, outyfelding all for height of vine; pods medium size, numerous, and well-filled with peas of sweetest flavor. This variety is fast coming into general favor on account of its productiveness and general good qualities. Pkt., 10c.; pint, 25c.; quart., 45c.

FILLBASKET—This variety is one of the best second-early Peas in cultivation: dwarf growing; of excellent flavor. Pkt., 10c.; pt., 25c.; quart, 45c.

MEDIUM LATE SORTS.

TELEPHONE—In season about midway between First in Market and White Markowfat. Green, wrinkled; height, three and a half feet; productive; pods unusually large size, elegant shape, slightly curved, well filled with peas of large size, good quality. A great favorite with our local gardeners. Pkt., 10c.; pint, 25c.; quart, 45c.

STRATACEM—Half dwarf: green, wrinkled; two feet; vigorous, branching habit; leaves unusually large size. Under favorable conditions an enormous cropper. Pods long, filled with from seven to nine peas of enormous size. The pod of this excellent pea is quite well shown in the illustration of the Telephone, on this page. The only fault this tree has is its tendency to sport somewhat, but we think our stock is as pure as any that is offered. Pkt., 10c.; pint, 25c.; quart, 45c.

PRIDE OF THE MARKET—Vines medium height, stiff, bearing at the top, generally in pairs, a good crop of very large, dark green cobs, well filled with large peas of good flavor. This has become very popular on account of its handsome pods. Pkt., 10c.; pint, 20c.; quart, 40c.

LATE SORTS.

AMERICAN CHAMPION-A MAGNIFICENT PEA and one of the LARGEST OF AT enormously productive, and its flavor and quality closely approaching that of the well-known Champion of England. The pods are extremely large, produced in pairs, and are well filled, each pod containing from nine to twelve large, line peas. It is a tall growing sort, of branching habit, and should be planted thin. Pkt., 10c.; pint, 25c.; court 456.

quart, 45c.

CHAMPION OF ENGLAND



NEW PEA "HEROINE"-It is a medium early green wrinkled Pea and grows uniformly two to two and a half feet high, coming in between Advancer and Champion of England. and bears a profusion of large, long, slightly curved, pointed pods, containing from nine to ten large peas of finest quality. This New Pea is destined to to eclipse Stratagem and Pride of the Market for market purposes, and being nearly as early as the Advancer, will all to be more desirable than that well-known variety. In field culture we have known it to ripen and yield double the quantity of peas that the ordinary varieties do, and hence is an immense cropper. Like many of our most valuable Peas, it is a variety of English origin. All these varieties produce Peas of finest quality, but Heroine excels them all. Pkt., 10c.; ½pt., 20c.; pt. 35c.; qt. 60c.

TELECRAPH (Long Island Mammoth)—A strong grower, producing large pods containing ten to twelve peas in each one. Peas when cooked are of a deep green color, and of very fine flavor. Pkt., 5c.; pt., 20c.; qt., 35c.

SANDERS' MARROW-A tall, late, and immense cropping variety. The pods are produced in pairs, and are well-filled with fine, large, wrinkled peas, the largest of any; quality sweet and delicious. Retains its deep green color when cooked. Pkt., 5c.; pt., 20c.; quart, 45c.

FORTY-FOLD—An improved variety of the Champion of England of high merit; medium in height; pods large, pea wrinkled and sugary. Pkt., 10c.; pint, 20c.; quart, 40c.

LARGE BLACK-EYED MARROWFAT-An excellent variety, either for garden or field culture; grows about four feet high, with large and well filled pods. A popular market variety. Pkt., 5c.; pint, 20c.; quart, 35c.

LARCE WHITE MARROWFAT-One of the oldest varieties in cultivation, and a favorite market sort: well liked by farmers who want a late white pea; grows about 4 feet high, is well filled with very large pods; pea of excellent quality. Pkt., 5c.; pint, 2c.; quart, 35c.



All edible podded varieties are used either shelled or cooked in the pods like string beans, which, when young, are very tender and sweet.

DWARF SUGAR—(GRAY SEEDED)—Grows about two feet high; productive; seeds large and shriveled; pods broad, flat, crooked, and contain five or six peas. Pkt., 5e.; pt., 20c.; quart, 40c.

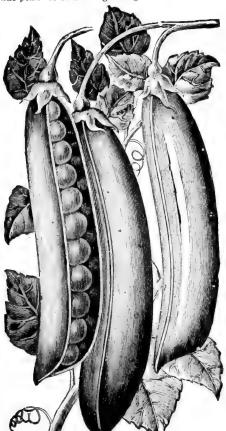
Tall Sugar-Tall, productive. Pkt., 5c. pint, 25c.; quart, 45c. MELTING SUCAR-See Novelty List.

FIELD PEAS.

Used for field culture only. In their dry state they are used extensively for feeding stock, for making soups, and in the manufacture of coffee. They are usually sown broadcast alone or with oats, and either cut and fed green, or left to ripen and then threshed and ground ith oats. They are very extensively grown in Canada, and their cultivation is quite largely in the increase throughout the United States.

Our stock is northern grown. Two and one-half bushels for an acre. with oats.

By express or freight—Bushel, \$2.00; peck, 60c. By mail (postpaid), quart, 35c.; pint, 20c.; pkt., 5e. Special prices on any quantity over a bushel. The market is subject to fluctuation, and we prefer to quote rather than make a fixed price.

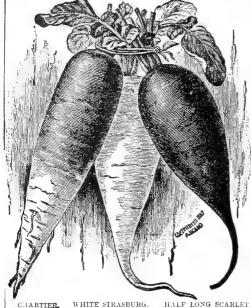


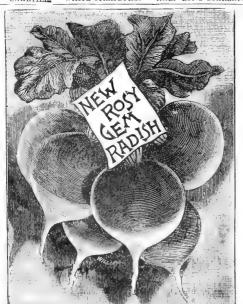
TELEPHONE PEAS



CHTED IBBO WHITE SUMMER. EARLY SCARLET. SCARLET, WHITE TIP

EARLY SCARLET GLOBE.





RADISH.

15e.; ¼ lb., 40e.; lb., £1.25.

All the varieties thrive best in a light sandy loam. For early use, sow in the hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September, for a succession: they must grow rapidly to be crisp, mild and tender. One ounce sows 100 feet of drill, 8 to 10 pounds for an acre.

EARLY SCARLET CLOBE-One of the earliest and best varieties for forcing; its color is very handsome; flavor mild; crisp and juley; stands a great amount of heat without becoming pithy; good for garden culture. Pkt. 5e.; oz. 10c.; ½ lb. 25c.; lb. 75c.

EARLY SCARLET TURNIP-Very early and in great demand for home consump tion. Small, round, with a short top; delicate in flavor, good for summer use; will grow three inches in diameter if allowed to stand long enough, Pkt., 5c.; oz., 10c.; 4 lb., 20c.; lb., 55c.

SCARLET TURNIP, WHITE TIP-Very handsome, bright searlet color, white tip-Many gardeners make a sowing of this every two weeks all summer, its fine appear ance ATTRACTS customers, and its quality always pleases, causing a constant demand Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.

EARLY WHITE TURNIP-Pure white in color, with a small top: flesh pure white and semi-transparent. Is a few days later than the Early Round Dark Red. Pkt., 5c., oz., 10c.; 1/4 lb., 20c.; lb., 55c.

LARGE WHITE SUMMER TURNIP—The market gardener's favorite. smooth, very white; very crisp and tender. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c

FRENCH BREAKFAST-A variety of quick growth. Very mild and tender; one of the best for forcing. Oval form, scarlet tipped with white. ½ lb., 20c.; lb., 55c. Pkt., 5e.; oz., 10e.:

WHITE STRASBURG-The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable character of retaining its crispness even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer, and fine large roots will be rapidly formed. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

HALF LONG DEEP SCARLET—An extra early radish; very popular. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

YELLOW SUMMER TURNIP-Grows to perfection in the hottest weather. Pkt.. 5e.; oz., 10e.; 1/4 lb., 20e.; lb., 55e

EARLY ROUND DARK RED-The shape is the same as that of the Early Scarlet Turnip, and it differs only in the skin being darker in color, and making smaller tops. Largely used for forcing around New York City. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 55c.

CRAY SUMMER TURNIP-An excellent variety for summer use. A heat resister. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.

NON PLUS ULTRA (DEEP SCARLET FORCING TURNIP)-By far the smallest topped and earliest foreing radish in cultivation. Roots small, round, deep rich scarlet; very crisp, tender, white flesh. It matures in 18 to 20 days and the tops are so small a large number can be grown in a single bed. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.

EARLY FIRE BALL-Very pretty little fire-red Radish, round in shape; small tap root; small top; preferred by many for early forcing. Resembles Non-Plus Ultra in size and shape. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

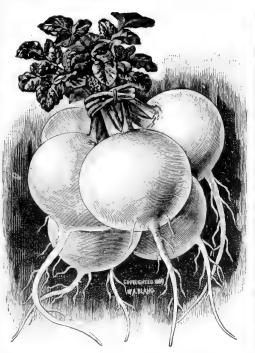
COLDEN CLOBE-Perfect globe shape and golden colored skin; quick growth, tender and brittle. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; ib., 60c.

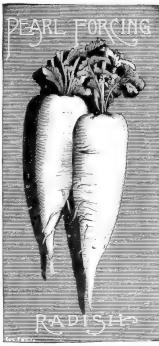
WOOD'S EARLY FRAME-But few growers are aware of the fact that this is over ten days earlier than the Long Scarlet, which it very much resembles, although not quite so long. An excellent variety for foreing. Pkt., 5c.; oz., 10c.; ¼ 1b., 20c.; 1b., 55c.

CIANT WHITE STUTTCART—A favorite German Radish; grows quick, of large size, often four inches across, in shape like a large top, both flesh and skin are white, of fine quality, firm and brittle, never gets pithy. Those not used law in the summer can be stored for winter use. Pkt., 5e.; oz., 10e.; ½ lb., 20e.; lb., 60e.

nn be stored for winter use. FRL, 5C., 0C., 10C., 24. 10 the top, blending into pure white at the bottom; exceedingly tender licious; equally desirable for either the market or the home garden, oz., 10c.; 14 lb., 25c.; lb., 75c.

BRIGHTEST LONG SCARLET RADISH
Sometimes called Cardinal White Tipped. The hand found to be of great merit. Resembles the Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in twenty-five days after sowing. The most remarkable quality however it its color which is the brightes scarlet we have seen in any radish. The tips are white. Out sells any other long red radish on the market. An extra fine sort for the home garden, the quality being very good. Pkt., 10c.; oz., 15c.; 4d. here; h. 5125.







This cut shows some of the Radishes that will grow from a package of LIVINGSTON'S MIXTURE

OUR RADISH SURPRISE.

LIVINCSTON'S MIXTURE—This is a mixture of over twenty choice varieties of early, medium and late radishes. You will certainly have radishes all summer and be greatly surplised at the results if you give it a good place in the garden. For several years we have sent out large quantities of this mixture and the unanimous reports sent in has been "HAPPILY SURPRISED." Large packet, 10c.; oz., 15c.; ½ lb., 50c.; lb., \$1.75

PHILADELPHIA WHITE "BOX" RADISH.—Its points of superiority growth, perfect turnip shape, extra fine quality, and showing but little disposition to become pithy, but remaining solid and juicy for sometime after fully grown; especially fitted for growing under glass, in frames or "boxes." hence its name. Owing to its very few leaves, it can be sown thickly. Pkt., 5c.; oz., 10c. 10c. 11c., 6c.

EARLY LONG SCARLET SHORT TOP—An admirable sort for forcing, also the leading out-door, quick-growing sort, both for private and market gardens the country over; grown in rich, light soil, its average length is about eight inches; grows half out of the ground, straight and uniform in color, brittle and crisp, small top, bright scarlet. None better for shipping in bunches. Pkt., 5c.; oz., 10c.; ½ 1b., 20c.; lb., 55c.

WHITE LADY FINCER—LONG WHITE VIENNA)—The finest long White Radish in cultivation. Beautiful in shape; skin and flesh pure snow white; crisp; rapid growth. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 75c.

THE CELEBRATED CHARTIER RADISHES.



IMPROVED CHARTIER RADISH

IMPROVED CHARTER—(SCARLET)—A decidedly distinct and exceedingly handsome and attractive variety. This radish has been grown for years by market gardeners in Western Pennsylvania as Chartier, and in Indiana as the Shepherd. The color at the top is scarlet rose, shading into pure waxy white at the tip It will attain a very large size before it becomes unfit for the table, and is undoubtedly the very best "all seasons" radish for open garden culture. It is ready for use or market nearly as early as the Long, Scarlet Short Top, and keeps crisp and tender for two months, not becoming stringy when large, as do most other radishes. Planted late it makes a good winter keeper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

CHARTIER LONG WHITE— (NORPARIEL)—Derived from the preceding, and in all respects similar, only that the color is pure white. Pkr 5e.; oz. 10e.; ½ lb. 20e.; lb. 60c.

CHARTIER WHITE TURNIP— A grand summer variety and preferred by many to all other white radishes for midsummer use. Pkt., 5c.; oz., 10c.; ¼ 1b., 25c.; 1b., 75c.

LIVINGSTON'S NEW RADISH.

PEARL FORCING.—This new sort introduced by us in the spring of White Strasburg. A most distinguishing characteristic is its rich, waxy appearance. The shape is one long sought for, and the most advantageous for bunching, being what might be called half stump rooted. The color is pearl white, with the waxy appearance above described, and the texture is very firm and solid. It is about one week later than Wood's Early Frame, but after they are ready for marketing they remain in catable condition fully two weeks longer, before they show any sign of going to seed, and do not become woody. They will not bear quite so close planting as Wood's Early Frame, but their long standing after being ready for market without running to seed, or be coming woody or unfit for table use, more than makes up for wide planting. If grown properly they have a smaller top in forcing than when grown in the open field. All things considered, we pronounce it absolutely the very best general purpose White Market Radish in existence. Pkt., 10c.; oz., 20c.; ½, 1b., 50c.; 1b., \$1.50.

Oakland, Fla.—"The packet of mixed radish seed you sent me tunned out to be a REVELATION, so complete was the assortment."—JOHN WINKLEMAN.

Waveland, Kansas "Had seeds from you last year which proved as well as any we ever had — The Surprise Radish raised some very fine radishes."—W. D. VAWTER.

North Sewickley, Pa —"I have been getting seeds from you for 12 years and have always been satisfied with them, and pleased with your promptness and honest dealing."—T. W. McKix

• • WINTER VARIETIES. ○ •

Sown in the summer and used in the fall, or put away same as turnaps for winter use store in the cellar.

CHINESE ROSE WINTER—(SCARLET CHINA)—A bright rose colored winter variety. Of excellent quality, certainly one of the best, and would be grown generally by radish growers if better known. Pkt., 5c., oz., 10c.; ½ lb., 22c.; lb., 75c.

CALIFORNIA MAMMOTH WHITE—A general favorite and grown extensively by the Chinese gardeners in California; it is eight to twelve inches long, and from two to three inches in diameter; white, solid, and of good flavor. Pkt., 5c.; oz., 10c.; ½, 1b., 25c.; 1b., 75c.

LONG BLACK SPANISH—Grows six or eight inches long, and about one and one-half inches through at top; skin black; flesh white and of firm texture. Pkt., 5c.; oz., 10c., ½ lb., 20c.; lb., 60c.

ROUND BLACK SPANISH—Similar to the above, except in shape. Pkt., 5c.; oz., 20c.; ½ lb., 20c.; lb., 60c.

LONG WHITE SPANISH—Mild in flavor. Pkt., 5c., oz., 10c.; 1/4 lb., 20c.; 1b., 60c.

RHUBARB. (PIE PLANT-WINE PLANT.)

A deep, rich soil is best for Rhubarb; sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. One ounce for about 600 plan.s.

VICTORIA—Pkt., 5c.: oz., 15c.; 1/4 lb., 50c.; lb., \$1.50. LINNAEUS-Pkt., 5e.; oz., 15e.; 1/4 lb., 50e.; lb., \$1.50.

RHUBARB ROOTS.

By mail (postpaid), each 25e.; 4 for 75e.; 6 for \$1.00. By express (not paid), each 10c.; dozen, \$1.00.

Special prices in quantity on application.

SPINACH.

For spring use sow early in drills one footapart, and every two weeks for succession; as it grows thin out for use, keeping it clear of weeds. For fall use, sow in August; for winter use, in September, in well maor one ounce for 100 feet of drill. Ten pounds for an acra in drills.



ROUND SUM-MER-A standard sort with all market gardeners for early spring sowing; it stands the winter well, but is not quite so hardy as prickly; leaves large, thick and fleshy. Oz., 5c.; 14 lb., 15c.; lb., 40c.

PRICKLY SEED ED-The hardiest of all, therefore the best where the winters are severe. Oz., 5c.; are severe. Oz., 5c. 1/4 lb., 15c.; lb., 40c.

IMPROVED THICK LEAF (VIROFLAY)-A decided improvement on Round Summer. Has very large, thick leaves, of great substance. Oz., 5c.; ½ lb., 15c.; lb., 40c.

CURLED-LEAVED SAVOY (NORFOLK, BLOOMSDALE)—The earliest variety, of upright growth, fine, large, tender, savoyed leaves. Grows quick, but will not stand long. Oz., 5c.: ½ lb., 15c.; lb., 40c.

LONG-STANDING-An improved strain; later in going to seed than especially desirable for market gardeners. Pkt., 5c.; oz., any other; especially de 10c.; 1/4 lb., 30c.; lb., \$1.00.

NEW ZEALAND-Withstands heat and drouth and produces leaves



in great and whotin and photoces leave in great abundance throughout the summer in the hottest climates, where ordinary Spinach will not do well; should be raised in heat and transplanted three feet apart each way, into light, rich soil. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

SALSIFY. (VECETABLE OYSTER.)

The long, white, tapering root of Salsify resembles a small parsnip, and when properly cooked it is a good substitute for oysters in taste and flavor, and is very nutricious. In cooking the roots are usually cious. In cooking the roots are usually boiled, or they can be mashed and made into fritters. It succeeds best in light, well enriched soil. If it is necessary to use manure, it should be very fine and well-rotted. Sow early in drills eighteen inches apart, and two inches deep; finally thin to four or five inches apart. The roots are perfectly hardy, and may remain out all winter. They are best after frost has touched them. One ounce for fifty feet of drill.

LONG WHITE-Pkt., 5c.; oz., 10c.; 1/4 lb., 35c.; lb., \$1.25.

MAMMOTH (SANDWICH ISLAND)-A Very large and superior variety. Mild and deli-cately flavored. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

SCORZONERA (BLACK SALSIFY)—Pkt., 5e.; oz., 15e.; ¼ lb., 50e.; lb., \$1.75.

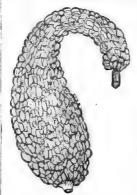
Hattiesburg, Miss.—"Your seed has always done well. All germinate and are true to name. I cannot speak too highof them."—E. H. MCKINSTREY.

Lowell, lowa, "Please send as soon as possible. I send to you as I have never received a package of seed from you but what grew and was true to name."—Mrs. C. S.

CUSTARDS, PA., (April 30, '92.) "I am much pleased with my seeds and vines, the vines were so green and nice, they came in good shape and many thanks for the catras."—L. P.

SQUASH.

Plant after all danger of frost is past, and get in the winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for bush varieties, and six or eight feet for running varieties, put-ting six or eight seeds to the hill, finally leaving but three. One ounce of the bush var eties for 40 hills, or of larg.-seeded running kin.s., 15 hills; two to three pounus of one, and three to nour pounds of the other, for an acre.



CIANT BUSH SUMMER CROOK-NECK-This magnificent strain has been brought about by years of painstaking selection. It is a beautiful bright yellow. and twice as large as the ordinary Summer Crookneck, far more warty, and several days earlier; keeps bearing all summer and commands good prices, hence a very desirable squash for the market or private garden. Pkt., 5c.; oz., 10c.; ¼ lb.. 30c.; lb., \$1.00.

PINE APPLE or WHITE TURBAN-Ready for use in mid-summer, and a de sirable sort for winter: a keeper; flesh white, good flavor. Pkt., 5e.; oz., 10c.: 14 lb., 25e.; lb., 60e.

MAMMOTH WHITE BUSH SCALLOP-

This excellent large strain is earlier than the common stock, and the creamy white squashes average at least double the size: is a continuous bearer from early in the

variety for market and the best of all for the Southern shipper. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 85c.

EXTRA LARGE GOLDEN BUSH SCALLOP—Decidedly the best strain of Yellow Bush Scallop

Squash offered. It has been selected and grown for years until it has doubled in size and at the same time lost none of the other good points, such as earliness, quality and pro-ductiveness. It produces very large, handsome, yellow handsome; yellow squashes, Pkt., 5c.; oz., 10c.; 1/4 lb.; 10c.; lb., 70e.

WHITE BUSH SCALLOP ('Patty Pan,' 'Cymbling -Best known of all summer squashes; very productive; pure white: used when young and tender. Pkt., 5c.; oz., 10c.; ½ 1b. 20c.; 1b., 60c.



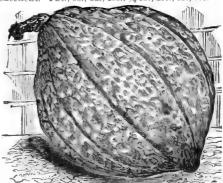
SCALLOP SUMMER SQUASH.

PERFECT CEM-Excellent, both as a summer and winter squash. bears a great number of small squashes, nearly round, slightly ribbed, skin smooth, creamy white, fine grained, excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

COCOANUT-Excellent and beautiful; very prolific, yielding from six to a dozen on a vine. The color is an admixture of cream and orange, while the bottom is a rich green. Flesh fine-grained, sweet, and very solid; quality excellent. Pkt., 5c.; oz., 10c.; ¼ 1b., 20c.; lb., 70c.

BOSTON MAR-ROW-A popular fall and winter variety. Has a thin, bright orange skin; Has a thin, the flesh is a rich salmon yellow.fine grained, sweet and dry, but not so dry as the Hubbard: very prolific; is a splendid table squash and finds ready sale in marready sale in market. Pkt., 5c.; oz., 10c.; 14 lb., 20c.; lb., 60c.

NEW ECC PLANT-So named from its peculiar fitness for cooking like egg plant, and resembles it in shape. A very Bost early bush variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.



BOSTON MARROW SQUASH

AMERICAN TURBAN—A good autumn and early winter variety. Flesh orange yellow. Pkt., 5c.; oz., 10c.; 14 lb., 20c.; lb., 70c.



CUSHAW SQUASH

Livingston's Improved Cushaw Squash

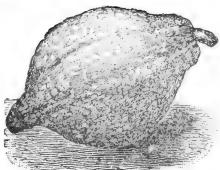
Very beautiful in appearance, being a dis-tinct mottled green and white striped. The flesh is a rich yellow, solid, fine grained, very sweet and excellent for pies; equally as good for baking. They are hardy, bugs seadom bother them, especially when other varieties are near. Can be grown, other varieties are near. Can be grown among corn, same as pumpkins, and yield a good crop, but the better way is to grow them separately on good, riel soil, in hills 10 to 15 feet apart each way. This variety sells well on market way. This variety sells well on marke and should be in the hands of every market gardener. Pkt., 5e.; oz., 10c.

1/4 lb., 30c.; lb., \$1.00. TRUE HUBBARD. General Generally

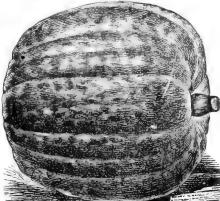
the best winter squash grown; flesh dark yellow, fine grained, dry and sweet; very haid shell; will keep until spring; very productive. We offer a very carefully grown stock Pkt., 5c.; oz., 10c.; $\frac{1}{24}$ lb., 25c.; lb., 75c. PIKE'S PEAK OR SIBLEY

An improvement on the Hub bard. Shell smooth, thin, and of a pale green color; flesh thick, solid, deep orange color, very dry, of fine grain and delicate flavor. They weigh from leate havd. They weight from 9 to 11 pounds, and are excellent keepers. Pkt., 5c.; oz , 10c.; ¹₄ lb., 25c.; lb., 75c.

MAMMOTH CHILI-TRUE STOCK-Largest of all squashes, often attaining a weight of two hundred pounds without losing its fine shape and good quarity. The outer color is a rich orange the outer color is a rich orange yellow; the skin is smooth; the flesh is very thick, bright yellow; keeps well throughout the entire winter and spring; it is very productive, of fair quality, and will be found very profitable for feeding stock. Pkt., 5e.; oz., 15e.; 14 lb., 40e.;



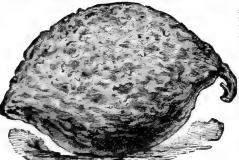
HEADING WHARLIN



EARLY PROLIFIC MARROW-This squash is much earlier than Boston Marrow and is one of the earliest winter varieties. oz., 10c.; ¼ lb., 25c.; lb., 75c.

BAY STATE—Its main features are extreme solidity, heavy weight, fineness and dryness of grain, and sweetness of flavor: a good keeper. Its hard shell is a blue shade with peculiar greenish tinge: very attraction. tive. Flesh bright golden yellow. Average weight, 10 pounds. Pkt., 6e.; oz., 10c.; 1/4 lb., 25e.; lb., 75e.

ESSEX HYBRID-One of the finest grained, richest flavored, most



OLVEN S URANGE MARKOW SQUASH.

prolific and sweetest of the squash family; ripens earl and keeps till the following June. Flesh June. Flesh very rich or-ange color, thick, dry and solid. One of the finest we have ever grown, and preferred by many of our customers. to customers the Hubbard. Pkt., 5e; oz., 10e;; ¹, 1b, 25e;; 10c.: 1 lb., 75c

COLVIN'S ORANGE MARROW-The skin has the appearance of a rough, dark colored orange. In flavor it is fully up to the Hubbard. Pie bakers take it in preterence to any other. It is ready for market very early, and if the early squashes are picked the vines keep bearing until frost. Well ripened squashes weighing fifteen pounds have been grown in eight weeks. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 75c.

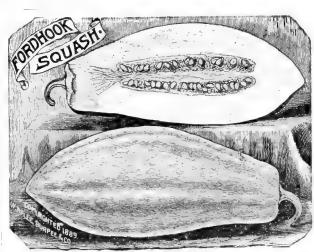
CANADA WINTER CROOKNECK-A well-known kind sure to produce a crop, its strong growing vines suffering less from insects than many other sorts. Neck long and solid; yields well; excellent for pies; good for feeding stock. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c., lb., 85c

MARBLEHEAD-This squash resembles the Hubbard, but is a little more clongated. Shell is an attractive light blue. Its combination of sweetness, dryness and delicious flavor is remarkable. Yields equal to the Hubbard, and its keeping qualities are said to be better. Pkt., 5c.; oz., 10c., ½ lb., 25c.; lb., 75c.

BRAZIL SUCAR-Claimed to be the richest flavored and sweetest of all. It is liked for table use in every stage of its growth; productive; weight from two to four pounds; the skin is a beautiful canary color, and handsomely warted. Pkt. 5c.; oz., 10c., ½ lb., 25c., lb., 85c

EUREKA-NEW FOR '93.

A NEW SQUASH FOR THE FARMER.—We are pleased to have such former introductions. All should try a packet at least and any who take our word for it and secure a pound will be well pleased with the result of their investment whether grown for market or home consumption. For illustration and description see Novelty List. Pkt., 15c.; oz., 25c., 4 ozs., 80c., 1b., \$3 00. postpuid



FORDHOOK -The size is most convenient for family use. low outside, and a straw-yellow within. The flesh is dry and sweet. It seems incapable of rotting, and placed in a cool, dry room, keeps in perfect condition throughout the winter and spring, until late in June. nearest consumon unrougnous the winter and spring, until late in June. The thin, hard stem, and the roots which are slim and hard, furnish absolutely no food for the squash borer. Maturing early, it is a sure cropper and immensely productive. Skin thin and meat thick; seed cavity small. May be used at any stage of growth. Pkt., 5c., oz., 10c.: 1, 1b , 30c ; 1b., \$1.00.



Livingston's Tomatoes.

THE FAME OF THE VARIETIES ORIGINATING WITH AND INTRODUCED BY US HAS EXTENDED TO EVERY COUNTRY ON THE FACE OF THE GLOBE WHERE THE TOMATO CAN BE GROWN.

Our first Tomato, "THE PARAGON," was introduced in 1870, after growing it for five years on our gardens and being brought to a high state of perfection. It was the first smooth red tomato ever sent out. In 1875 the first perfectly smooth purple tomato was introduced by us, being called "THE ACME." Since 1875 we have introduced ten of the best standard and distinct varieties ever brought before the tomato growers of the world. They are the "PERFECTION," in 1880, a fine red tomato; the "GOLDEN QUEEN," in 1882, universally admitted to be the best yellow tomato in cultivation; the "FAVORITE," in 1883, a splendid red variety; in 1886 we first brought out the "BEAUTY," which has since then gained great popularity wherever it has gone as a grand purple variety; then, in 1887, the "POTATO LEAF," a distinct variety especially suited to a very warm climate. In 1891 the "STONE," a very solid, fine large red variety, and in 1892 the "NEW ROYAL RED," which is rapidly gaining in popularity, and the "GOLD BALL," a small round smooth yellow tomato prized for its excellent flavor. For this year, 1893, we bring out the "BUCKEYE STATE" and "ARISTOCRAT" to make their first public appearance, and we are sure that the "BUCKEYE STATE," as a large, smooth

appearance, and we are sure that the "BUCKEYE STATE," as a large, smooth prolific purple tomato, will find a place among the growers and will be an honor to the list of LIVINGSTON'S TOMATOES, as will also the "ARISTOCRAT,"

as a splendid red dwarf bush sort.

Below will be found a fuller description of these twelve splendid varieties, with a list of other deserving sorts.

CAUTION. TO BE SURE of seed grown by us, INSIST on having it in packages bearing our TRUE BLUE SEAL, for there are large quantities saved annually from the refuse of canning factories and sold as Livingston's. This spurious seed can be secured from the jobber at less than half what it costs us to grow and properly cure our high grade stock.

THE SEED WE OFFER BELOW WAS SAVED BY OURSELVES PERSONALLY, from choice selected fruits of true original type, and can not fail to please the most critical grower. Prices include postage.



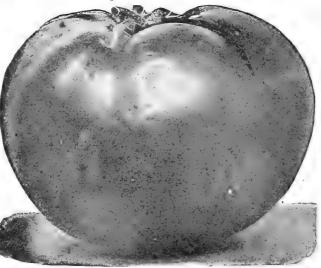
TOMATO CULTURE. For very early fruit the seed should be sown in a hot-bed about the first week in March, in drills hve inches apart and half an inch deep. Sufficient plants for a small garden may be started by sowing a few seeds in a set out four or five inches apart, in another hot-bed or cold frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden, and about the middle of May the plants may be set in the open ground, at a distance of four or five feet each way. Water freely at the time of transplanting, and shelter from the sun a few days, until the plants are established. Cultivate thoroughly as long as the vines will permit. Tomatoes will admit of training to stakes or trellises of various kinds, and the fruit is very much improved, not

long as the vines will permit. Jonly in appearance but in quality. This mode of cultivation is quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake, using stakes 5 to 7 feet high, tying the plants up with wool or other strong, soft twine, pruning out quite freely as the vines advance in growth. By adopting this method the plants may be set much closer than in the ordinary way.

For fine, large specimens of

For fine, large specimens of high color and attractive appearance generally, grow the clusters of fruit in paper sacks, as is commonly practiced by grapegrowers. The sacks should be put on when the tomatoes are about threefourths grown. One ounce of seed produces usually about 1,500 plants.

Riches Corners, N. Y. (April 6, 1892)—"I raised your STONE TO-MATO last year and it surpasses all others in smoothness, color, weight and flavor. I had several other highly recommended varieties, but the STONE was 'A No. 1." Have been pleased with all seeds received from you."—Miss. H. D.



From RURAL NEW YORKER. Copyrighted 1892, LIVINGSTON'S STONE TOMATO.

New Tomatoes

BUCKEYE STATE,

LIVINGSTON'S ARISTOCRAT,

LIVINGSTON'S ROYAL RED.

SEE NOVELTY LIST.

LIVINGSTON'S NEW STONE. (Introduced by us in 1891.) This new tomato has already obtained great

favor with canners, southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is red; shape, perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. We sold thousands of packets has season, and it was offered by all the principal seeds nen of the country in their catalogues, but we have not heard from a single buyer who had the least fault to find, while every mail brings us testimonials to its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its many superior merits. PRICE, (postpaid)—Pkt., 10c.; oz., 40c.; ½ lb., \$1.00; lb., \$3.75

LIVINGSTON'S FAVORITE. (Introduced by us in 1883.) and one of the Best and Largest Perfect shaped Red Tomatos in Cuttivation. Jealous competitors have renamed this sort until its names are legion; however this speaks high praise for the variety, if not for the guilty competitor. Ripens evenly and as early as any other good red sort, holding its size to the end of the senson; free from cracks and does not rot at blossom end; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. It is used almost exclusively in the extensive cannery sections of Maryland, and is, without doubt, more generally grown for the canners trade than any other variety. We grow thousands of pounds annually to supply this demand.

PRICE, (postpaid)—Pkt., 10c.; ½, oz., 15c.; oz., ½c.; ½ lb., 75c.; lb., \$2.75.

LIVINGSTON'S NEW BEAUTY.



(Introduced by us in 1886). A decided favorite for either home market or

(Introduced by us in 1886). A decided favorite for either home market or shipping purposes, and contains more of the ESENTIAL POINTS than any other one variety, being early, hatdy, a strong grower, productive, large size, always smooth, flesh solid, and of excellent quality. The color is quite distinct from any other sort, being a very glossy crimson with a slight tinge of purple. It grows in clusters of four ofive large fruits, retaining its large size late in the season. This is an essential point in its favor, as many other good sorts decrease in size at least one-half before the season is over. It ripens with the Acme and Perfection, is entirely free from ribbed and elongated fruit, being perfect in shape. During the past eight years, under varied circumstances and on different classes of soil, it has shown no signs of rotting. This is partially on account of its firmness, besides having a thick skin and few seeds. It seldom cracks after a rain like many of the thin skinned sorts. For shipping and early market it can not be excelled, on account of solidity, toughness of skin, and especially on account of its handsome color; it can be picked quite green, will look well and ripen up nicely, and keep for a week after it is ripe, hence a great favorite with Florida and other long distance shippers.

PRICE, (postpaid)—Pk1., 10c.; ½ oz., 15c.; oz., 25c.; ½ lb., 80c.; lb., \$3.00.

LIVINGSTON'S POTATO LEAF.

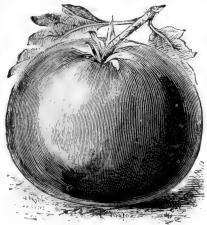
(Introduced by us in 1887.) A new and distinct variety and superior to all other potatio-leaved sorts in the market. The 'Leaf' resembles the Mikado or Turner Hybrid, but the fruit is always smooth, medium large, very firm and of desirable quality. It is second early, is everbearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, brood leaves. It has a strong vine, and resists the wind remarkably well: an excellent variety for growing on trellies or tying up to stakes. Expectally Adapted for Hot climates, the leaves protecting the fruit from the scorching rays of the sun.

PRICE, (postpaid)—Pkt., 10c.; ½ oz., 25c.; ½ 1b., 75c.; 1b., \$2.75



LIVINGSTON'S GOLD BALL.

(Introduced by as in 1892). Offered for the first time last season. It is a round golden yellow variety and no other sort, except Livingston's Golden Queen, can approach it in quality. The flesh is thick and of extra good quality; large enough to slice; smooth as an apple and of a landsome gold color; grows in clusters; produces enormous crops. No matter if you are prejudiced against a yellow sort we are sure this will please you. TRY IT. PRICE, (postpaid)—Pkt., 10c.; oz., 30c.; ½ lb., \$1.00; lb., \$3.75



LIVINGSTON'S PERFECTION.

LIVINGSTON'S EARLY ACME.

(Introduced by us in 1875). THE EARLEST REAL GOOD TOMATO, especially for market gardeners' use, and no variety is so well known and generally cultivated throughout the United States both for early and main crops. The plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends, very smooth, (NEVER ROUGH); color, a glossy red, with purplish tinge; ripens all over and through at the same time; a decided favorite the country over.

PRICE, (postpaid)—Pkt., 10c.; \(\frac{1}{2} \) oz., 15c.; oz., 25c.; \(\frac{1}{2} \) (1b., \(\frac{5}{2} \).

LIVINGSTON'S PERFECTION.

(Introduced by as in 1880). An improved Acme with RED SKIN; somewhat larger, fully as early, has more solid flesh and fewer seeds, and produces more and larger fruit at the close of the sea son; invariably smooth and of a handsome blood-red color. All who have tried it pronounce it of the highest quality. Some canners prefer it to all others, especially those who can the tomato whole

PRICE, (postpaid)—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Michaelsville, Md., (Nov. 4, 1892)— "Have been using your FAVORTE To-mato seed for about 5 years and have always found them true to name, yielding good crops every season; expect to use them for canning as long as I am in the business."—C. C. C. as I am in the business.



Winter Haven, Fla. (Sept. 3, 1892)-"I whiter haven, ria. (sept. a, 1892)—"1 planted forty aeres of your Beauty Tomato seed last season, and I was very much pleased with the fruit. I shall want 25 lbs, of the same for next season. Please book my order for that amount."—J. R. D.

LIVINGSTON'S GOLDEN QUEEN.

(Introduced by us in 1882). A real good yellow sort of first-class quality, and its superior flavor has brought it into general favor as a table fruit. It is solid, smooth, entirely free from ridges, large in size, ripens up early, and is a very handsome sort; in fact, by far the most beautiful yellow variety ever sent out; the larger and riper fruits are frequently tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. It has very little acid and the quality is excellent. Makes beautiful preserves.

PRICE, (postpaid)—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75

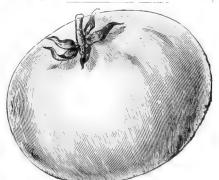
LIVINGSTON'S PARAGON.

(Introduced by us in 1870). This was our first introduction, and, although it is twenty-three years since it was offered, we have kept it up to its original standard, and it has to-day the preference in many localities. Many gardeners, canners and catsup makers will have no other it is a very large sized variety, larger than several of the standard kinds cultivated. An immense cropper. The flesh is solid, well colored and flavored. In time of ripening it comes be used to be a children of the control of the cont mense cropper. The flesh is solid, well colored and flavored. In time of ripening it comes be tween the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color of skin, deep red. PRICE, (postpaid)—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75.



PACKETS 25 Cents FOR ONE OR MORE KINDS QUOTED AT 10c. PER PACKET.

50 Cents LIVINGSTON'S TOMATOES. \$1.00



LIVINGSTON'S GOLDEN QUEEN.

Clinton, Miss. (Aug. 12, '92)-- ' I prefer Liv-INGSTON'S BULLTY to the Stone for shipping, because it is just the correct shape for packing in a shipping crate,"—W. L. R.

Ft. Pierce, Fla. (Nov. 3, '92)—"Tomato seeds came to hand in good order; they are the most vigorous I ever planted."—C. M. N.



DWARF CHAMPION.

ICNOTUM-A good red Tomato, not especially distinct from several of the leading large red varieties; solid; productive; bright red; vines grow stocky; dark green leaves. Pkt. 5c.; oz., 20c.; ¼ lb., 60c.; lb. \$2.25.

EARLY RUBY A REAL EARLY VARIETY. A REAL EARLY VARIETY. A single plant of it was first observed in a field of Livingston's Perfection. The fruit, although not quite so smooth, ripens much earlier than Perfection and is nearly as



OUL

EARLY RED APPLE-A beautifully colored EXTRA EARLY TOMATO of fine quality. Medium size and very uniform. Every grower should give this real early sort a trial. This is distinctly superior to the ordinary stock sold under this name. Pkt., 5c.; oz., 25c.; ½1b., 75c.; lb., \$2.50.

CANADA VICTOR—Very early; productive; flesh scarlet; round, smooth, of medium size, solid, and ripens up well; a very popular variety. Pkt., 5c.; oz., 20c.; ½ lb., 65c.; lb., \$2.25.

ADVANCE—An extra early seedling from Alpha and Perfection; has ripened in 90 days; fruit smooth and round, no green core; skin smooth; very prolific; color usually red, but inclined to sport. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

EARLY CONQUEROR-Very early and good only for very early use; bears in large clusters, medium in size, irregular, flattened; color, scarlet. Pkt., 5e.; oz., 20c.; ¼1b., 60c.; lb., \$2.25.

NEW PEACH TOMATO—This striking and excelent Tomato resembles some varieties of peaches so closely in size, shape, color and general appearance that it is frequently taken for a real peach. It seems to have the very bloom or furze of the peach upon its surface. In color a deep rose blended with orange amber. It surface. In color a deep rose blended with orange amber. It is productive, comes quite early, lasts until frost, and has never shown any signs of rotting. Its equal in delicacy of flavor does not exist in the tomato family. The skin is thin, and peels of like that of a pench. It is very ornamental for table decoration or exhibition purposes. Pkt. 5c.; ½ oz. 15c.; oz. 25c.

NEW GOLDEN PEACH TOMATO—Differs from the above in color only, being of a rich golden color and having the bloom or furze of a peach upon its surface. Pkt. 5c.; 1/2 oz. 15c.; oz. 25c.



CHERRY. PLUM OR PEAR.

RED CURRANT

DWARF CHAMPION.

This very distinct variety (introduced in 1886) has already become well and favorably known on both sides of the Atlantic. It originated with, or rather a 'sport' plant of it was first found in a field of Livingston's Acme grown by our neighbor, Mr. F. E. Blake, in an adjoining county. Many prefer it to all others for forcing in vegetable houses. Is dwarf and compact in growth, the plants growing stiff and upright, with thick-jointed stems and foliage unlike any other, and of an unusually dark green color, thick and corrugated. So compact are the plants that they can be planted as close as three feet. Heavy manuring, instead of producing a superplundant growth of vine (as in many varieties) increases the yield and the they can be planted as close as three feet. Heavy manuring, instead of producing a superabundant growth of vine (as in many varieties) increases the yield and the size of the fruit. In form and color they resemble the Acme—smooth and symptomic producing the first pr metrical in shape, ripening close around the stem. It matures the fruit ready to market as early as July 1st. It is very productive, the fruit is medium large and frequently crowded close together on the branches for the length of fifteen inches. USE THE SAME CARE IN GROWING THE SEED OF THIS, THAT WE DO WITH OUR OWN Varieties. Pkt., 5e.; ½ oz., 15e.; oz., 25e.; ¼ lb., 75e.; lb., \$2.75.

PONDEROSA—(No. 400.)

In growing it the past season we found it of immense size, solid, almost seed-less, and of good sub-acid flavor. The single fruits were large, but somewhat seattered on the vine, and did not yield near so much as our Beauty. Quite a large percentage of the fruits were too rough to please growers of the strictly smooth kinds, especially for large growers to use as a main crop. When ripe we found it quite apt to remain somewhat green about the stem end. Packet, 10 cts.

ATLANTIC PRIZE—One of the EARLIEST OF ALL; not only ripens its PIRST than any other sort; valuable to all with whom EARLINESS is an object. Pkt., 5c.; oz., 25c.; 24 lb., 75c.; lb., \$2.50,

ESSEX HYBRID—A splendid variety similar to the Acme in color and many other good points. Pkt., 5e.; oz., 20e.; ½ lb.; 75e.; lb., \$2.25.

MIKADO, or TURNER'S HYBRID-Color, a purplish-red; quality good when well ripened; foliage distinct; has become quite popular in some localities on account of its immense size; generally quite smooth, but always some rough ones. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75.

TROPHY—Fruit very large and generally smooth; solid, good flavor and very productive. Choice, selected seed, as good as it can be grown. Pkt., 5c.; oz., 25c.; ½ lb., 75c.; lb., \$2.75.

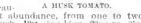
HUSK, OR STRAWBERRY.

This distinct husk enveloped Tomato is unequalled for canning, preserving and pies. Dried in sugar, as raisins or figs, or to use in fruit cake, they are unexcelled. They are

cake, they are unexcelled. They are handsome in color, and will keep until mandsome in color, and will keep during mid-winter or longer. They have a strawberry flavor, and produce fruit in great abundance. Aside from being a great curiosity, and very attractive, they sell first-rate in market and are rapidly becoming very popular.

COLDEN HUSK-Fruit a handsome golden color, the size of large cherries; much esteemed by many to cat from the hand; makes an excellent pie. The receipt for making the pie will be on the packet containing seed. Pkt., 5c.; ½ oz.,

20c.; oz., 35c. PURPLE HUSK-This new and beau-

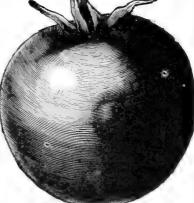




tiful variety produces fruit in great abundance, from one to two inches in diameter enveloped with a husk. Pkt., 5c.; ½02., 20c.; 02...35c.



A CLUSTER.



A PEACH TOMATO.

Red Currant, Red Cherry, Yellow Cherry, Yel'ow Plum, Red Pear Shape. Excellent for Pickles, Preserves and Pies. Price of variety—Pkt., 5c.; oz., 30c.

We can supply Mayflower, Red Queen, Lorillard, Hathaway's Excelsior, Volunteer, Carnival, at the uniform price of 5c. per pkt., 20c. per oz., 60c. per 4 ozs., \$2.00 per 1b.; Also Many Other Varieties of To-MATOES at customary price

The T. A. Snider Preserve Co., Manufacturers of the Famous Snider Tomato Soups and Catsups, Cincinnati, O. (Jan. 21, "2), writes: "Your favor of 18th inst. has been received. We freely give permission to use our name to a suitable testimonial for your anumal. Word the same according to your own ideas, as we assure you that our seed has given us entire satisfaction.

TURNIP.

For the spring crop sow the Extra Early Milan or the Early Flat Dutch in 14 inch drills, and thin to six inches. For the fall

and main crop from the middle July to the last of August, in drills or broadcast, though much larger crops are obtained last of August, in Grins or broadcast, though miner larger vols are obtained by drill culture. Land newly cleared, or old pasture ground well manured with thoroughly rotted manure or other good fertilizer at the time of sowing, will produce the best and sweetest turnips. Sow always just before a rain if possible. The success of the crop depends upon a quick growth, especially in the start. One pound is sufficient to sow an acre.

EARLY WHITE ECC-An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.

PURPLE TOP WHITE GLOBE-A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5c.; oz., 10c.; 1/4 1b., 20e.; 1b., 50e.

YELLOW CLOBE, OR AMBER-One of the best for a general crop: flesh firm and sweet, grows to a large size, excellent for table use or stock, and keeps well until late in the spring. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

YELLOW STONE-One of the best yellow fleshed varieties for table use; equally good for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

COLDEN BALL, OR ORANGE JELLY—A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock. Pkt., 5c.; oz., 10e.; 1/4 lb., 20e.; lb., 50e.

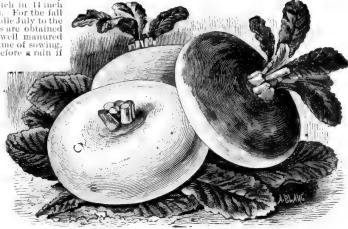
LONG WHITE, OR COW HORN-Grows very quickly, partly above ground; very productive, flesh white, fine-grained and sweet, of excellent quality for family and market gardeners' use. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 50c.

EXTRA EARLY MILAN—A new early very white variety, with purple top and strap leaf. Mild and sweet; remains in good condition for a long time. Pkt., 5c.; oz., 10c.; ¹4 lb., 20c.; lb., 60c.

EARLY FLAT DUTCH (or White Top Strap-Leaved) -Standard good size, pure white, small top, with but few leaves; very variety; good size, pure white, small top, w sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

PURPLE TOP STRAP-LEAVED—The well-known popular variety either for family or market use; large size, white, purple above ground, flesh fine-grained. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; lb., 45c.

REANS-DWARF, BUSH OF SNAP SEE PAGES 18, 19.



EARLY WHITE FLAT DUTCH.

PURPLE TOP STRAP LEAF

Qt. 4 Qts. Peck. Bus

1.25 2.25

70

60

90

9.95

1.35 4.50 4.50 3.50 5,50

1.00 3.75

50 5,50

1.00

8.00

\$1.50 3 (10) 3.50 4.50

6.50

RUTA BAGA VARIETIES.

The Ruta Baga varieties should be sown a month earlier than turnips as they require longer to mature.

IMPROVED AMERICAN (Purple-Top)-Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5c.; oz., 19c.: 14 lb., 20c.: 1b 50c.

SKIRVINC'S PURPLE-TOP—A first-rate variety; grows large and and a good keeper. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.; 10 lbs., \$4.50. WHITE RUSSIAN (or Large White Ruta Baga)—Grows very large; excellent for table or stock. Flesh firm, white and solid; has a very rich and sweet flavor. The best keeper of any. Pkt., 5c.; oz., 10c.; ½ lb. 20c.; lb. 50c.

LONG ISLAND IMPROVED PURPLE-TOP—This is undoubtedly the finest variety of purple-top Ruta Baga, and is twice the size of ordinary stocks. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 60c.

SPECIAL PRICES ON BULK BEANS AND PEAS.

-FOR MARKET GARDENERS AND OTHER LARGE BUYERS.

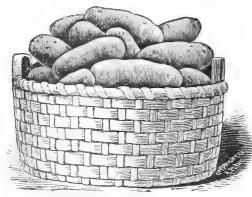
Below we quote Special Low Prices on Beans and Peas by the quart, peck and bushel. At these prices we make NO CHARGE FOR BASE, and deliver to express or freight office—the purchaser to pay transportation charges upon receipt of goods. No discounts offered elsewhere in this eatalogue can be deducted from the prices given. The Wax Bean crop is very short this season, which accounts for the seeming high prices.

BEALL BUILDING CO. C.				
· · · · · · · · · · · · · · · · · · ·		Peck.		King of the Garden Lima
Golden Wax and Kidney Wax, each 30	\$1.00	\$1.75	\$6.50	
Black Eyed Wax and Golden Eyed Wax, each 30		1.75	6,00	PEAS. SEE PAGES 42 TO 44.
Scarlet and Violet Flageolet Wax, each 30		1.75	6.75	Livingston's First in Market 22
Early Mohawk and Yellow Six Weeks, each 20				Improved Dan't O'Rourke
Best of all Dwarfs and Ex. E'y Refugee, each 25	80	1.35	5,00	New Alaska
Extra Early Red Speckled Valentine . 25	80	1.35	5,00	American Wonder (True Stock)
Henderson's Dwarf Lima	1.25	2.00	7.75	McLean's Little Gem
Livingston's Round Pod Six Weeks	80	1.30	4.50	First Fault Draw in Care
Prolific Tree and White Kidney, each		1.10	4.00	Extra Early Premium Gem
Marrowfats, Navy and Mediums, each 20		1.10	4.00	Bliss's Abundance
detioning that a commission in the		4110	1100	Champion of England 20 Yorkshire Hero 20
BEANS POLE OR CLIMBING. SEE PAGE 20.				Yorkshire Hero
				Pride of the Market
Early Golden Cluster Wax		2.25	8,00	First and Best and, Landreth's Extra Early 20
White Creaseback or Best of All Pole Beans 20		2.00	7.00	Advancer and Market Garden, each 25
Horticultural or Speckled Cranberry 30	1.10	-2.00	7.00	Stratagem and Telephone
Large White Lima	1.10	-2.00	7.50	American Champion 25
Small Lima, Carolina, Sieva or Sewee		1.75	6.50	Dwarf Blue Imperial 20

$\frac{3.75}{2.75}$ Preer's Improved or Challenger Lima. 35 1.25 2.25 8.00 Royal Dwarf White and Black Eyed Marrowfat. Extra Early Lima (Jersey). 30 1.10 2.00 7.50 Dwarf Sugar, Edible Pods, and Tall Sugar Royal Dwarf White and Black Eyed Marrowfat. . 90 6.50Transplanted, except where otherwise noted. Sent only by Express, not by Mail. PLANTS. Transplanted, except where otherwise noted. Sent our best seeds, by an experienced shipped under \$1.00. These plants are grown expressly for us from our best seeds, by an experienced plant grower and market gardener, and can be shipped fresh from the beds and well packed on short notice.

EARLY CABBACE—(Ready April f.)			
50		1:0	1,000
Extra Early Wakefield and Sure Head		75	\$4.50
Henderson's Early Summer and Succession 50		75	-4.50
LATE CABBACE—(Not Transplanted; Ready	Jun	e (,)	
Premium Flat Dutch and Sure Head		30	2.00
Drumhead Savoy and Red Dutch 25		40	3.50
CAULIFLOWER—(Ready April 1.)			
Livingston's Earliest and Extra Early Erfurt 75	51	(10)	6,00
Henderson's Early Snowball 95	- 1	00	6,00
CELERY — Early Crown Plants; Raedy Jun	e I.	1	
Dwarf Golden Heart and White Plume 40		75	
Golden Self-Blanching and Giant Pascal 56)	90	
CELERY-(Late Grown Plants, Not Transplanted: Rea	ady	June	20.
Dwarf Golden Heart and Golden Self-Blanching 25		40	3,00
White Plume, New Rose and Giant Pascal 25		40	3,00

rif f.)			Low prices on 5,000 and 10,000 Lots		
50	1.0	1,000	SWEET POTATO - Ready May 10.		
50	75	84.50	500 - Ke (d) Way 10.	100	1.000
50	75	4.50	Yellow Nansemond (Jersey) 20	35	\$2.60
Ready Ju	ne L)		renow same mond (sense)	()-)	\$2.00
20	30	2.00	TOMATO -(Ready May 10.)		
25	40	3.50	Poz.	50	1.00
EL.)			Livingston's Acme, Beauty and Potato Leaf 20	60	1.00
. 75 \$		6,00	Favorite, Perfection and Paragon	(1)	1.00
95	1 00	6,00	Stone, Golden Queen and Royal Red 25	65	1.10
dy June	1.1		Dwarf Champion 25		1.10
40	75		PEPPER—(Ready May 10.)		
50	90			.10	* * * *
ed: Read	y Jun	e 20.	Sweet Mountain and Mammoth Ruby King 20	60	1.00
25	40	3.00	ECC PLANT—(Ready May 10.		
25	40		Large New York Purple 25	7.	1.25



MORNING STAR POTATO

SEED POTATOES. NORTHERN GROWN.

TH no other seed is the importance of changing more essential than with t Plan to other seed is net importance of changing more essential man which the Potato. By using our Northern Grown Seed you are assured of Early Matter ITY, INCREASED YIELD, and a VIGOROUS GROWTH. Our stock (as usual) has been grown from selected seed, and expressly for seed purposes. Our grower in Michigan is a potato, specialist, and has grown for us exclusively for a number of years our largely increased potato trade during this period is the result mostly of his pains taking care and his general knowledge in growing and selecting the seed stock with which to grow the crop. No weeds, or bugs either, thrive in his potato fields. To grow healthy stock he insists on having first-class potato land, nothing but pure, well matured, good sized seed, perfect foliage, careful handling while digging and barreling that they may not be bruised or otherwise injured.

We book orders at any time, and fill them in rotation just as soon, in our judgment, as the weather will permit. However, we cannot become responsible for changes in the weather by which they may become damaged en-route. We will ship at any time the weather by which they may become damaged en-route. We will snip at any time when requested to do so, regardless of the weather, but customers in this case must take the risk. When customers request it, we will pack a barrel with two or three kinds without extra charge. When ordering take please state whether we shall return the money or send some other good kind of equal value, providing we cannot supply the sort you order. All transportation charges must be paid by the buyer. State how the sort you order. All transportation charges must to send. Prices subject to variations of the market.

POTATOES BY FREICHT OR EXPRESS-At Barrel, Bushel and Peck Prices the

buyer pays the freight or express charges. Our Barrens contain not less than 2% bushels by weight (165 pounds net).

POTATOES BY MAIL-Postpaid, Sample Tubers, medium size, 10c.; Single Pound, 30c.; Three Pounds of one kind for 75c.; Six Pounds of one

(1) POTATO KNIFE—Any purchaser of a barrel or more of Potatoes at the prices quoted may order a Concave Potato Knife, and it will be sent with the potatoes free of Charge. Price, by mail, postpaid, 35c, POTATO BOOK—Any person who would not wish the Potato Knife can have "Terry's A B C of Potato Culture," and excellent work by this noted Potatoist on the culture of the Potato. Price, 40c., postpaid.

(8) NEW POTATO—Or one Pound of a new unnamed Extra Early Seedling Potato (No. 177.) Not for sale at any price.

POTATO EYES by mail, postpaid.

This plan Saves our Customers Money.

We guarantee the safe arrival of each package in good growing condi-ion. Postpaid to any post-office in the United States.

EARLY POTATO EYE COLLECTION.

160 EYES. EYES OF EXTRA EARLY SIX WEEKS. EYES OF EARLY NEBULA. EYES OF PARIS ROSE. ALL FOR ONE DOLLAR. EYES OF EARLY TRIUMPH.

A GOOD INVESTMENT. This will enable farmers and others living at a great distance from our store to test some of our best varieties at a trifling cost. A collection of 160 eyes, under favorable circumstances, should produce at least ten to fifteen bushels of fine potatoes, which is certainly good returns for a dollar outlay.

MAIN CROP POTATO EYE COLLECTION

EYES OF BILL NYE.
EYES OF RURAL No. 2.
EYES OF MORNING STAR.
EYES OF SENECA BEAUTY.

160 EYES. ALL FOR ONE DOLLAR. \$1.00.

FOR \$1.75 Two Full Collections, one of each of desired with be sent POSIPAID.

FOR \$2.00 Two Full Collections, one of each, if desired, and 40 Eyes of the new Freeman Potato will be sent POSIPAID.



EXTRA EARLY OHIO POTATO.

This earliest of all early varieties justly belongs at the head of the list This earliest of all early varieties justly belongs at the head of the list of extra early potatoes, because no other variety will MATERS as early. Some very good early sorts will give entable size potatoes about as early but their tops will be green for days after Early Ohio have died. It is two weeks ahead of the Early Rose and is a special favorite with marketmen, and the most profitable pointo they can possibly grow. The sprout is very strong and the vine grows erect, making it easy to cultivate, and on account of its early maturity, you get the high prices and have the hand for other crops. It does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones, nearly every one being of mar

compact in the fill, are easily dug, very few small ones, nearly every one being of mar ketable size, few eyes, which are even with the surface. They keep firm until late in the spring. Southern growers plant this variety almost exclusively for early shipment north. With heavy manuring, close planting and good culture, a very large and profits ble crop can be expected. One grower near this city has grown 10 to 15 acres for several vears unst, and the yield has been from 200

years past, and the yield has been from 300 to 500 bushels per acre annually. This is our specialty in standard varieties and we have for years taken great pains to keep the stock pure and up to its original standard. Our trade in it has doubled every year for the last ten years.

Michigan Grown Stock—Peck, 50 ets.; Bus., \$1.50; Bbl., \$4.00; 3 Bbls., \$11.00.

Ohio Crown Stock-Peck. 40 ets.; Bus., \$1.40, Bbl., \$3.50; 3 Bbls., \$10.00.

SPECIAL PRICES FOR LARGER QUANTITIES

OHIO JUNIOR. Closely resembling its parent, the Early Ohio, but is rather rounder and said to be more productive. A good keeper and of excellent quality. Peck, 50 cts.; bus., \$1.50; bbl., \$1.00.

BLISS' TRIUMPH, OR IMPROVED BERMUDA POTATO. This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose; is more productive, and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size,

round and uniform in stape with very few small ones; eves slightly depressed; color a beautiful light red; flesh fine grained, excellent flavor.

The tubers grow compactly in the hill and are easily harvested. It is an excellent keeper, not inclined to sprout early. Its great beauty, productiveness and fine quality will make it one of the best for market. It is now being planted on the Island of Bermuda to the exclusion of nearly all others, having supplanted almost entirely the old Bermuda potato. It has also become quite popular in some sections of the South.

MICHICAN CROWN—Peek, 50 ets: bus., \$1.50; bbl., \$1.00.

EXTRA EARLY SIX WEEKS.

Evidently a seedling of Early Ohio, which it very closely resembles in every way

EXTRA EARLY SIX WEEKS.— Exidently a seedling of Early Ohio, which it very closely resembles in every way the introducer claims "it is earlier, makes rather taller stalks and appears to yield better on upland than that fine variety." It grows to large medium size oblong to round in shape; skin light pink; thesh white: shape smooth; eyes near claims states, they are as large as hens' eggs, and therefore fit for family use in six weeks from time of plunting, and mature in between 10 and 11 weeks. We find them good yielders, and though not so extraordinarily productive as some claim, still remarkably good croppers for so early a sort. The vines are very healthy, and being also very early, they are not injured so much by the potato bug as most sorts. We pronounce them in short. "New Blood" Early Ohio's and worth the attention of every potato grower. Our stock is Michigan grown and quite limited. Pock, 60c bushels 18 75; barrel, \$4.75. bushel, \$1.75; barrel, \$1.75.



A grand good, medium late potato. Its fine and distinct appearance sells it in any market. The tubers are large to very large and very smooth with few eyes close to the surface and of beautiful pink color. For six years it has never shown any sign of blight. A good keeper, quality unsurpassed; vines rank, uni-form in size and shape.

scarely any small ones. A heavy cropper. Michigan Grown Stock Peck, 50c.; bus. \$1.40; bbl. \$3.50; 3 bbls. \$10.00. SP CIAL PRICES FOR LARGER QUANTITIES.

RURAL NEW YORKER, No. 2.

This, the best intermediate and main crop potato, originated on the exp imental grounds of the Rural New Yorker, where more than 500 varieties have been tested practical ly during the past twelve years. It is most distinct years. in appearance and could readily be distinguished among a hundred other varieties. Very large and unusually smooth with few and shallow eyes, in form oblong, inclined to form oblong, inclined to round and flesh white; of superior quality. The vines are very strong and the yield of handsome tubers of great uniformity of size is unusually large. 50e.; bus., \$1.60; bbl.

PARIS ROSE (New)—Very early, oblong, oblong, skin light rose color, netted, eyes plenty, nearly even with the surface, size medium to large, quality excellent. We have tested it for two years and find it a good grower and prolific. Tested with ordinary "Early Rose" in ielded three times as many. Peck. 40c.; bus., \$1.40; bbl., \$3.75.

We can supply the well-known Early Rose, Creen Mountain, Potentate, Monroe Seedling, Koshkonong, Morning Star, while our present stock lasts @ 50c, peck; \$1.40; \$3.75 bbl.

OTHER VARIETIES. We can usually furnish many other varieties, not quoted here, at customary prices. Write for prices of kinds wanted, also special price on large quantities

PRIDE OF IRELAND.

A new late seedling, a very good keeper, and cooks well. Skin is very white, with a sort of light russetty netting; the flesh is white and of good quality. It cannot fail to satisfy the grower who wants a heavy yielder, big potatoes and no small ones worth mentioning. We pronounce it the hand-somest and largest white skinned potato that has been offered for many years. Peck, 50c.; bus., \$1.60; bbl., \$4.50.

Bloomington, Alabama, (July 13, '92.) "The Early hio Polatoes gave me satisfaction." I had them on Ohio Polatoes gave me satisfaction. market ten days earlier than any other."-J. F. P.

Hope, Ind., (Oct. 10, 92.) "The Sample Potatoes were all planted on the 5th day of May, sixty-three days from the day I planted them I day the Bliss's Triumph and Pride of Ireland. Thirty-eight lbs. from seven eyes of Bliss's and 21bs, from eleven eyes of Pride of Ireland. These two are the grandest potatoes in cultivation



BILL NYE POTATO.

This is a valuable new white kidneyshaped variety. It is very smooth and handsome; eyes unusually shallow for a late potato. A vigorous grower, of first-class quality; an enormous cropper. Tubers compact in the hill and easify dug. They are the longest keepers we have ever seen. Have been kept in an ordinary cellar

temperature until July following without sprouting.

Peck, 40c.; bus., \$1.25; bbl., \$3.50; 3 bbls., \$10.00. SPECIAL PRICES IN QUANTITY WILL BE GIVEN ON REQUEST.

POTATO SEED.



We offer a very choice strain of POTATO SEED, the product of nu-

merous hybridizations between many of the best new and old varieties in cultivation. We frequently purchase promising seedlings grown from seed purchased from us. Price (postpaid), 25c. per packet; 5 packets \$1.00. Full directions for planting, cultivation, etc., on each packet.

SWEET POTATOES.

JERSEY CROWN SEED.

Specially packed and stored for us, for sprouting purposes, in the State of New Jer sey; we find these potatoes much dryer and sey; we find these potatoes much dryer and sweeter than those grown from home seed. We repack before shipping, but take no risk after delivering in good condition to the Express or Railroad Company here. For either Yellow or Red Nansemond we will book orders up to April 1st at 60c, per peck, \$1.00 for a half bushel, \$1.75 per bushel, and \$4.00 per barrel of three bushels.

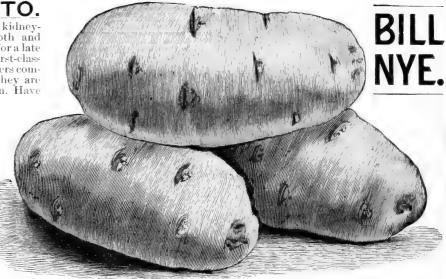
By mail (postpaid)—Well rooted plants or slips, ready May 1st, at 50c. per 100.

We will make SPECIAL PRICES at any time for LARGER OVANTITIES than quoted above.

We can usually supply Early Carolina, Southern Queen and Bermuda ("Yams") at customary

prices on application.

Thornville, O. (Dec. 1, '92)—"We used the LIVINGSTON POTATO DIGGER with perfect satisfaction the past season."—HENRY LONG.



Aspinwall Potato Planter.

THE BEST PLANTER IN THE WORLD.

We have sold this planter for four years, and have never sold one but what the customer thought it one of the best investments he had ever made. If you anticipate buving, write for our SPECIAL PRICE.

CONCAVE AND CURVED SEED POTATO KNIFE.



Everybody is well pleased with this Knife. It is thin, and will cut one, two or three eyes in a piece easier, better and faster than in any other way. Give it a fair trial and if not satisfied it will pay you to cut your potatoes with it, return it to us and we will refund your

Price (postpaid), 35c.; by express (not paid), 30c

Livingstøn's Potato Digger.

WEIGHT LESS THAN 100 POUNDS.



NE might well hesitate to introduce a New Potato Digger, since those now in the field have proven so unsatisfactory. The great need of a Potato Digger within the reach of all in price. that leaves all of the potatoes uninjured, on top of the ground, and be as easily operated as a single shovel-plow, led us to invent and patent one which has astonished even ourselves in simplicity and efficiency. Being practical growers, we are, after thorough trial in the field, in various conditions of soil, confident in all that we claim for it. One horse can draw it, but two are better. It does better work and is more easily operated than any other digger. Descriptive Circular Sent free on application.

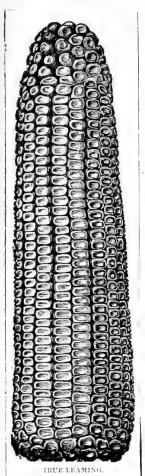
WHAT OTHERS HAVE TO SAY AF OUR POTATOES AND SEEDS.

WHAT OTHERS HAVE TO SAY A WHAT OTHERS HAVE TO SAY A give good satisfaction. The packages were well filled and the seed of superior quality. The EXTRA EARLY OHIOS were the finest potatoes I ever saw. Thanks for extras."—R. B. R. Sidney, Illinois, (March 19, 192)—"We raised nine bushels from one tuber of PRIDE OF HELLAND Potate that my husband got of you last spring. It was a poor year here for potatoes on account of it being so dry. We think they are splendid, and, allow me to say, that the SENECA BEAUTY can't be beat."—Mrs. E. M. H.

Mt. Vernon, O., (April 2, 1892)—" Have grown vegetables extensively both for home and market use for many years, and can say, with pleasure, all seeds purchased from you were satisfactory."—C. C. W

Ogden, O., (Sept. 25, 1892)—"The SENECA BEAUTY Potatoes took the Premium at our County Fair over 45 other varieties."—P. O. Ja

Eden, Fla., June 12, '92)—" The SENECA BEAUTY Potatoes did well. I would like to plant more next winter if I can get them."—W. D. E.



OHIO SEED CORN.

It costs only about 25 CENTS AN ACRE to use our CAREFULLY SELECTED AND TESTED Seed Corn. Is it wise to risk doubtful corn from the crib?

HE varieties of field corn we offer below are the best now in general use. They were grown especially for seed purposes, and were well matured, cured, and shelled with great care. seed purposes, and were well induced, cured, and shelled with great care. We test all varieties before sending out, that there may be no doubt as to vitality if properly planted and the weather is favorable. At the prices here given we make no charge for sacks in shipping. To Avoid DELAY, when ordering late season, it would be well to mention your second choice, or state whether we shall send a sort adapted to your locality or refund the money, provided we are sold out of your first choice at the time your order arrives.

TRUE YELLOW LEAMING.

An extensively grown, large, yellow dent variety. The Seed we offer was Grown by Mr. Leaming. By annual selection for years it has become a fixed and pure variety. It is a pure, glossy yellow, ears low on a strong, heavy stock; grains, square and deep; ripens quite early, frequently maturing in 160 days from planting; it weighs, "struck measure," 60 to 63 lbs. per bushel; will yield on good soil, with proper tillage and favorable seasons, from 75 to 100 bushels per acre. Price: By mail (postpaid), sample ear, 20c.; packet, 5e.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 5 bushels, \$6.75.

CLARAGE YELLOW.

Best Second Early. Sure to Ripen. We make a specialty of this excellent yellow dent variety. It has been grown extensively by farmers in this locality for fifty years, principally on account of its earliness. It ripens between the Pride of the North and Learning. The ear is nearly as large as the Learning, and is very uniform in size its full length. It is well filled out at both ends, and husks very easily. It is a rich golden color, very productive, often bearing two good ears on a stock. In favorable season it has ripened here when planted as late as the 1st of July. Highly recommended by the Ohio Experiment Station as ONE OF THE BEST in points of early maturity and productiveness. Our sales on this variety increases annually and we sell more of it than all other varieties combined. PRICE; By mail (postpaid), sample ear, 20c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.50; 5 bushels, \$6.75.

PRIDE OF THE NORTH—The very earliest yellow dent corn in cultivation. It ripens with the Flint sorts, and can be successfully grown further north than any other dent. Will ripen in Northern New England. It originated in extreme Northern Iowa ten years ago. Matures perfectly in ninety days, is very hardy and prolific; ears uniform, of good size, cob small, kernels closely set on the cob, and are long and compact. PRICE: By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.65; 5 bushels, \$7.00.

MAMMOTH WHITE DENT.

This is a large cared variety, combining all the good points required in corn growing sections south of the 40th parallel. It has a broad, very deep, pure white kernel and cob—in fact a stray red cob will hardly be found in a thousand bushels; grade, "strictly whit" in any market. It is very desirable for white corn meal, and those desiring a large white corn area to be pleased with it. Price: By mail (postpaid), sample ear, 20c; packet, 5c; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 25c.; peck, 50c.; bushels, \$1.65; 5 bushels, \$7.00.

THE BEST CORN FOR THE SILO.

Mr. Gregory of Massachusetts, says: "Of all the large Southern varieties suitable for the silo, we prefer the Leaming. It is tall and leafy, and the very large ears will mature in Central New England." Of the sweet varieties, Stowell's Evergreen, we consider the best. Price: Leaming, peck, 50c.; bushel, \$1.50. Stowell's Evergreen, peck, 75c.; bushel, \$2.75.

EARLY MASTODON.—A new early Dent variety, originated in Northern Ohio. The ear is very large, and grain deep, and largest of any early dent variety. It grows strong, rank quick, and makes the finest appearing shelled corn, two shades of white and yellow. In the American Agriculturist corn contest of 1889 it outyielded all others, making the wonderful record of 213 bus. shelled corn to the acre. Pince: By mail (postpaid), sample ear, 25c.; packet, 5c.; quart, 35c. By freight or express (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.75; 5 bushels, \$7.50.

CHAMPION WHITE PEARL.—This well and favorably known corn originated in Illinois and is enormously productive, a strong grower, matures in about 100 days. The stalk is stout and thick, and ears are set low. Same price as Mammoth White Dent.

BRAZILIAN FLOUR CORN.—A rare variety of Indian corn with a white, floury grain, yielding when ground a flour equal to wheat flour. It grows rapidly, ripens medium early; ears 7 to 9 inches long, a small cob and deep grain. This corn stools from the ground, 6 to 10 stalks from a grain. It should be cultivated same as other field corn. PRICE: By mail (postpaid), Pkt., 5c.; pt. 20c.; qt. 35c. By exp. (not paid), shelled, qt. 15c.; pk. 75c.; bu. \$2.75.

POPSURE

WHITE RICE. There is no better or more popular variety for white and full, and is very productive. PRICE: By mail (postpaid), two nice sample ears for 10c.; large packet, 5c.; ½ 1b., 15c.; lb., 25c.; 3 lbs., 60c. By express (not paid), 10 pounds for 60c.; 40 pounds for \$2.00.

HICKORY KING CORN.—This new white field corn has the largest grains, with the smallest cob of any white corn ever introduced. The stocks are strong and bear two and occasionally three ears. Of good quality, but quite late for northern latitudes. PRICE: By mail (postpaid), packet, 5c.; pint, 20c.; quart, 35c. By express (not paid), quart, 15c.; peck, 60c.; bushel, \$2.00.

EARLY BUTLER DENT.—Wherever tried it has given perfect satisfaction and has proven itself to be an excellent corn for the farmer of the north and northwest, manufactured to the control of the control o to be an excenent corn for the larmer of the north and northwest, maturing in 90 to 100 days. Ears good size with long grains and small cobcorn a beautiful golden yellow color. By mail (postpaid), sample ear, 20c.; packet, 5c.; quart, 30c. By express or freight, six cars, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.75.

EARLY WHITE DAWN.—An excellent white dent variety, with bright, solid, glossy white ker nel; small red cob; stalks often bear two good ears; grains grow well and the company of the law two good ears; grains grow well are two good ears; grains nel; small red cob; stalks often bear two good ears; grains grow well over tips of cobs, matures in 90 to 190 days. A good yielder and adapted to all corn growing localities. We have sold this variety for many years, and it gives universal satisfaction. It is an excellent variety for clay hand, yielding much better on that class of soil than any of the yellow kinds. Price: By mail (postpaid), sample ear, 20c; packet, 5c.; quart, 30c. By express or freight (not paid), 6 select ears, 25c.; quart, 15c.; peck, 50c.; bushel, \$1.60; 5 bushels, \$7.00.

SWEET CORN FOR FODDER—See Page 28.

This is one of the very finest large yellew dent corns we have ever seen. It ripens up quite early, and is very seldom caught with the frost in this latitude. In color it is a rich golden yellow, deep grain, ears are large and uniform, filling well over the ends. We are offering this corn on its merits, and believe where it is once known it will be planted year after year. It has been grown for 25 years past in Clark County of this State, where it originated, and has produced as high as 100 bushels per acre. Tay ir. Price. By mail (postpaid), sample ear, 20c.; packet, 5c.; Qt. 30c.: By freight or express (not paid), 6 select ears, 25c.; qt. foc.; pk. 50c.; bus. \$1.50; 5 bus. \$6.75. This is one of the very finest large yellew dent





ISCELLANEOUS FARM SEEDS.

As the prices are constantly changing on this class of Seed, we offer them subject to market fluctuations. Where customers are in need of large quantities, we will be pleased to quote them, on application, the lowest prices the market will justify at the time.

SUGAR CANE, Early Amber—The standard variety for the north. Our stock is choice, having been care fully saved and clemed for seed purposes. By freight or express, peck, 60c.; bus., \$1.75; 50 lbs., \$2.75; 100 lbs., \$5.00. By mail (prepaid), lb., 25c.; 14 lb., 10c.; oz., 5c.

EARLY ORANGE—Same price as Early Amber.

BROOM CORN, Improved Evergreen—The Evergreen is the favorite Broom Corn, the brush is fine and of good length. It yields well and never gets red in the field before cutting, being strictly a green variety of brush. By express, pk., 50c.; bus., \$1.75. By mail, oz., 5c.; ¼ lb., 10c.; lb., 25c.

TEOSINTE—A most prolific forage plant. Resembles corn, but the leaves are much longer and broader. The stalk is very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce twenty to sixty shoots. It was intro dured from a tropical country, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm. Four lbs. sufficient for an acre. Pkt., 5c.; oz., 15c.; ½ lb., 50c.; lb., \$1.75.

VETCHES, SPRING-Sown broadcast like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. Peck, \$1.00; bushel, \$3.75.

KAFFIR CORN-One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked. The foliage and stalks make excellent forage. Cultivate same as common corn, requiring 4 or 5 pounds of seed per acre. By mail (postpaid), 5c.; ¼ lb., 10c.; lb., 25c.; 3 lb., 60c. By express, lb., 15c.; 10 lbs., \$1.00.

BUCKWHEAT Should be sown about the middle of June, brondcast, using from one to three pecks of seed to the acre.

NEW JAPANESE-This new sort has proven to be much earlier and more productive than any other variety. The grains are very large and of a rich brown color. Every grower should try this without further delay, for it is a well established fact that it excels all in yield and earliness. Peck, 40c.; bushel, \$1.50; 2 bushel bag for \$2.50.

SILVER HULL—A very good and popular variety. The grain is of a light gray color, is rounder than the common variety, has a much thinner husk, matures earlier, and yields a half more to the acre. Peck, 40c.; bushel, \$1.50; a 2 bushel bag for \$2.50.

SPRING RYE. A favorite crop to sow when winter crops have failed. Peck, 50c.; bushel, \$1.75.

THE SPANISH PEANUT.

IIIS variety grows with tops erect, and does not spread upon the ground like the Vir-ginia and Tennessee Peanuts. The pea is small, but very sweet. very solid, makes no pops and bears enormously. No hoe work



is necessary, all the cultivation can be done with the plow. The rows may be only two feet apart, and seed dropped six to ten inches apart. The rows Matures very early. It may be planted after outs in July, and will make a full crop before frost. In the gathering every pea comes out with the root, none left in the soil therefore rapidly harvested. PRICE: postpaid, large package, 10c.; 10., 35c.; 3 lb., \$1.00. By express, 4 lb., 50c.; 10 lbs., \$1.00. Bushel prices on application.

RURAL BRANCHING DOURA (Millo Maize)-One of the most valuable forage plants for warm climates. By mail (postpaid), oz., 5c., 14 lb., 10c.; lb., 30c.; 3 lb., 75c. By express, lb., 15c.; 10 lbs., \$1 0).

WILD RICE (Zizania Aquatic)—For planting in fish pounds it is desirable, and as an attraction for wild fowl it cannot be equalled. Al so does well along the edge of marshes, and makes fair hay. Sow in Will some its property of the control of the the fall or very early spring. Will grow in water 8 feet deep. By mail (postpaid), pkt., 5c.; ¼ lb., 15c.; lb., 50c. By express, lb., 35c.; 10 lb., \$2.50.

CHUFAS or EARTH ALMONDS-The nuts grow under ground, near the surface, and are easily reached by pigs or poultry. Excell for fattening hogs. Plant 10 inches apart and in three feet rows, seed is dry, soak before planting. One peck plants an acre. Peck. St. By mail (postpaid), large package. 10c.; pound, 40c.; 8 pounds, \$1.00.

SUNFLOWER.—MAMMOTH RUSSIAN—For poultry, stock, and for fuel. Grows easily in almost any soil. Four quarts will plant an aere. We handle tons of this annually. By mail (postpaid), oz. 5e; ½ lb. 10e; lb. 25e. By erp., 10 lb. 75e.; 25 lbs. \$1.50.

TREE SEEDS. OSAGE ORANGE—Best of all hedge plants. By mail price on application. Plants supplied in season at very low rates.

CATALPA (Speciosa)—The hardy Western variety largely planted: rapid grower and makes the best timber trees. By mail (postpaid), pkt., 5c.; oz., 10c.; ¼ 1b., 30c.; lb., 90c.

RUSSIAN MULBERRY—Planted for silk culture; easily grown, hardy, fine hedge; fruit quite palatable. Tree makes fence posts in five years, and fine lumber. Pkt., 5e.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

PRICES OF OTHER TREE SEEDS GIVEN ON APPLICATION

CHOICE SEED OATS.—The we offer has all been carefully recleaned for seed purposes, and is as fine as can be found. We offer but a few well-established kinds. Many of the so-call-ed new kinds offered at fancy prices under new names, with exaggerated state-ments, we find are nothing but some old variety well grown in a good northern oats section. Change your seed oats, which is very important, but it is not necessary to pay fabulous prices for seed. GOLDEN G!ANT SIDE OATS. WE bring this French variety to the notice of our patrons with full assurance that those who

test it will find it by all odds the most profitable and remarkable Oat of recent introduction. The seed we offer has been grown from genuine imported French seed. It has been selected since 1880 and may be recommended with confidence as the most prolific in exis-tence. It is a most wonderful hybrid; is extremely hard, makes a strong stool and grows with a vigor and rapidity not equaled by any other sort. The straw, which is heavy and strong, never lodges. The heads are compact and often measure over 12 inches in length. Bulletin No. 7 of Ill. University reports the Giant Yellow French as giving the largest yield of all sorts tried, and the Kentucky Agricultural Experiment Station report of September, '91, ontains the statement: "It will be seen that but one variety out of 22 sorts tested yielded above 40 bushels per acre, viz.: 'Golden Giant Size.'" Excites wonder wherever seen and is worthy of extended cultivation. Should be sown ear-ly to get the best results. PRICE: (postpaid), large pkt., 10c.; lb., 25c., 3½ 1b., 75c. By freight or cryress, pk., 4°c.; bus. (32 lbs.), \$1.25; 2 bus. \$2.25; 5 bus. \$5.00. Sacks Free.

WELCOME OATS-This is well-known and extensively grown variety, and is one of the heaviest, handsomest and most productive white varieties grown.
They stool heavily with extra
strong, straight straw, standing
well. Succeeds well in a wide range of climate, and under a great variety of soils and methods of culture. They mature ten days By freight or express, SACKS FREE—pk., 30c.; bus. (32 lbs.), \$1.00; a three bushel bag, \$1.75; 5 bushels, \$4.00. earlier than White Russian. Post-

GOLDEN GIANT SIDE OATS

AMERICAN BANNER OATS.—This grand oats is as near rust-proof as any oat can be, and invariably yields large crops. The grain is large; white and plump, ripens early and has stiff straw of good strength. *Postpaid*, lb., 20e.; 3 lbs., 50e.; pk., 35e.; bus. (32 lbs.), \$1.00; 2 bus., \$1.75; 5 bus., \$4.00.

SPECIAL OATS PRICES—On 10 bus, or over of above kinds on application; also prices on various other kinds offered by other seedmen.

SPRING-Not much spring wheat is grown in WHEAT this State: some farmers continue to use it, finding it a convenient crop many times. We have a fine article of the best spring variety. Pk., 60c.; bus., \$1.75.

WINTER WHEAT.—We have some choice kinds. Those wanting earefully grown seed for fall sowing should write for Special Wheat Circular, issued about August 1st. Application for this circular can

■ LIVINGSTON'S LAWN GRASS SEED.

be taken to use only the very best quality of Pure Lawn seed to produce a SOFT, VELVETY, EVERGREEN SOD that Will stand the entring and heat of summer and the severe cold of winter. A good lawn once made will last for years if the right material is used and the work properly done. Our Lawn Seed is

AS NEAR PERFECTION

as is possible to attain. It has been thoroughly tested in all parts of the country and has given perfect satisfaction. Old hiwns are greatly benefitted if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds or other causes. Lawn seed can be sown at almost any time, from early spring to late in the fall; four bushels is required to sow one acre— 43,500 square feet,



Price per Quart, 4 Quarts,

25 cts. Will Sow 75 Cts. """

300 Sq. Ft. | Price per Peck, \$1.25.

Will Sow 10,000

1,200 Bush., 4.50.

Our Lawn Fertilizer.

No weeds. No litter around took house. Our law and have a containing only the absence to make grant through the winter, or in the fall after the sea on of cutting and the heat of summer. It is chemically prepared, containing only the absence to make grant growth. and has never failed to produce a rapid and NO WEEDS. NO LITTER AROUND YOUR HOUSE. OLD AND NEW LAWNS REsoli of cutting and the mator similar. A recticularity produce a rapid and the elements to make Grass growth, and has never failed to produce a rapid and thiness and disagreeable odors are avoided. No weed seeps will fill your Lawis

⊰RECLEANED GRASS AND CLOVER SEEDS

Customers understand that prices on grass and clover seeds are changing (almost daily), and that we can only give prices ruling to-day (January 1, 1893), subject to those market fluctuations. Bags are included at the prices here given, but when written quotations based on the market for the day are sent, they DO NOT include bags, for which in ordering add 20c, each. Those wanting Seeds in Quantity should Write FOR SPECIAL PRICES.

Bo If to go by mail 8 cents per pound must be added for postage.

CANADIAN BLUE GRASS—Choice seed. Pound, 20 cents; 25 pounds, \$4.50.

Kentucky Blue Grass (JUNE GRASS)—Known; desirable for pastures and lawns. Sow in fall or spring at the rate of 2 to 3 pushels per nere. Extra Clean Seed—Lb., 15c; 25 lbs., \$3.25. Fancy, or Double Extra Clean—Lb., 20c; 25 lbs., \$4.25.

Orchard Grass—An extremely hardy and widely known. One of the earliest to start in the spring, grows rapidly, and furnishes an abundance of pasture during the entire season. 1½ to 2 bushels per acre. Lb., 20c.; 25 lbs., \$3.25.

Red Top Grass—Thrives well in almost any soil, but best in low land, and produces a very firm sod. Sow 1 to 2 bushels per acre. Lb., 15c.; 25 lbs., \$3.00.

Timothy—A well-known variety. Write for latest prices, whether \$1.75; 100 lbs., \$6.00. **Choice,** lb., 8c.: 25 lbs., \$1.50; 100 lbs., \$5.50.

Wood Meadow Grass—Adapted for pasture or pleasure well under trees. Sow 2 bushels per acre. Lb., 30c.; 10 lbs., \$2.50.

Sweet Vernal—(ANNUAL). Is very fragrant, especially when bruised or cut. Mixed with other grasses for

pasture it is quite valuable, as it starts early in spring and grows until late in the fall. Lb., 30c.; 10 lbs., \$2.50.

Tall Meadow Oat Grass—Used for soiling. It succeeds well in sandy lands, and owing to its long fibrous roots, stands cold and drought well. Sow 3 bushels per acre. Lb., 25c.; 10 lbs., \$1.75.

Short and dense in growth: excellent for

Sheeps Fescue—short and dense in growth; excellent for sheep pasture; grows well on dry, sandy ground. Lb., 30c.; 10 lbs., \$2.50.

Johnson Grass—in the South. Good for hay or pasture; stands drought well. Sow 1 bushel per acre. Lb., 20c.; 10 lbs., \$1.25.

Crested Dog's Tail—Should enter in moderate quantity in permanent pasture mixtures, especially those for sheep on dry soils. Particularly suited for parks and ornamental purposes. Lb., 35c.; 10 lbs., \$5.00.

Perennial Rye Grass (LOLIUM PERENNE)-A ver tious and valuable grass for meadows and permanent pastures. A rapid grower, and the most prominent grass in England. I to 1% bushels to

Meadow Fescue—This thrives in all soils; excellent for permanent pastures; starts early and is very productive. Sow 1½ to 2 bushels per acre. Lb., 20c.; 25 lbs., \$3.00.

Write us for Special Prices on Crass Seeds before you buy in either fall or spring. Also for Prices of Other Crasses not mentioned above.

CLOVERS. ALSIKE, or HYBRID (SWEDISH) Productive, sweet and permanent; has fibrous roots like White Clover. Valuable for pasture when mixed with other grasses. Es pasture. Lb., 20c.; 25 lbs., \$4.00; 100 lbs., \$15.50. Esteemed highly for bee

MEDIUM, or COMMON RED-The Clover Seed of commerce, and the most important and valuable of the Clover family for agricultural purposes. This is a good clover growing locality and we handle large quantities of choice seed annually, but the post season's crop is very short. Sow 15 pounds to the acre. Lb., 20c.; 25 lbs., \$3.85; 100 lbs., \$15 00.

MAMMOTH, or LARGE RED CLOVER-Valuable when sown with other grasses for mixed hay, as it ripens about with Timothy, Orehard, and other grasses. Being a very rank grower it is coming into general use for plowing under as a fertilizer. Lb. 20c.: 25 lbs. \$5.85; 100 lbs. \$15.00.

WHITE CLOVER-Grows naturally in pastures in a great variety of soils and situations; an indispensable requisite in parks and lawns, Lb., 50c.; 10 lbs., \$4.00; 25 lbs., \$8.75.

BOKHARA SWEET CLOVER-Furnishes excellent pasture for

ces. Lb., 40c.; 3 lbs., \$1.00.
CRIMSON TREFOIL, or SCARLET ITALIAN—Grows about one foot high, with fine stems and long leaves. Blossoms long and cone shaped, of a dark red or carmine color. A field in bloom is a beautiful sight. It grows rapidly but must be resown each season. It yields several crops per year. In the south of Europe it is much use I for feeding green. Makes excellent hay. Lb., 25c.; 10 lbs., \$2.25; 25 lbs., \$5.00.

ALFALFA, or LUCERNE CLOVER—The demand for this great

forage plant which is so extensively grown on the Pacific Coast, has increased wonderfully throughout the Southern and Western States, and has been much planted in the Middle States. Where it succeeds it is the most valuable of all clovers. It is important that the seed be sown in rich soil and thoroughly cultivated from weeds for the first summer; gives a fair yield the first season and the second is enormous; once established it is good for five to ten years—It thrives best in loose soil as the roots run deep; it stands drought exceedingly well. Lb., 20c.; 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$13.00.

MILLETS. Sow broadcast, one bushel to the acre for hay, one-half bushel if for seed, from May

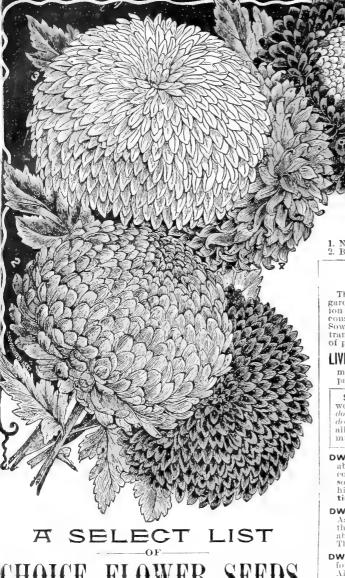
first to August first.

GERMAN, or GOLDEN MILLET-True Southern Grown-Supe rior to all others. Medium early; three to five feet high. Lb., 10c., 25 lbs., 80c.; 100 lbs., 83 00.

WESTERN CROWN CERMAN MILLET-Lb., 10c.; 25 lbs., 70c.;

HUNGARIAN (CRASS) MILLET—Early; height two to three feet; abundant foliage and slender head; withstands drought: yields well. Lb., 10c.; 25 lbs., 70c.; 100 lbs., \$2.50.

Lowest market prices made on Clovers and Millets on application, Write for Special Prices when ready to buy



CHOICE FLOWER SEEDS

UR FLOWER SEED LIST has been carefully revised, some new kinds added, and all inferior kinds east out, so that there is nothing in the list but what is worthy of cultivation, and, if reasonably cared for, will give satisfaction. Our flower seed rarde has increased very rapidly the last few years, which is very gratisting to us, as it speaks well for the quality of the seed we send out, look it over carefully, and add at least a few packets to your Vegetable seed order.

Flowers are usually divided into Annuals and Perennials. tre those that bloom and ripen seeds the first year, and then die. Among these may be found some of our most brilliant and fragrant flowers. In fact, if you want flowers early in the season, and all the three until frost, a good selection of Annuals will not disappoint you. Perennials are those that endure our Northern winters with little or no protection, and live and bloom for several years in succession. A arge majority of Perennials will bloom the first year if started soon in the spring

PACKET FLOWER SEED DISCOUNTS.

For 25 Cents select 6 Five-Cent or 3 Ten-Cent Packets

For 50 Cents select 13 Five-Cent or 7 Ten-Cent Packets.

For \$1.00 select Packets to the amount of \$1.30.

For \$2.00 select Packets to the amount of \$2.75. For \$5.00 select Packets to the amount of \$7.50.

All Flower Seeds sent Free by Mall on Receipt of Price.

The figures at the right, opposite each variety, denote the price, in cents, per packet.

A GROUP OF ASTERS.

1. NEW VICTORIA. 2. Ball, or Jewel.

3. NEW MIGNON. 4. Rose-Flowered. 5. Crown.

ASTERS, - FALL ROSES.

This has become one of the most popular, beautiful and effective garden plants, growing from ten to eighteen inches high. For profusion of flowers and richness of display the Asters are unrivaled, and constitute the principal adornment of our gardens during the antumn. Sow the seed early in spring, under glass or in pots in the house, and transplant into rich soil, about one foot apart, according to height of plants. Splendid for bedding, border and pot culture.

LIVINGSTON'S SUPERB ASTERS.—Our Own Mixture, including the creum of this list with many other choicest varieties. Bound to please. Extra large packet, 25c. Regular size packet.

Summitville, lowa.—"The Livingston's Superb Asters I got of you were the handsomest I ever saw; there were all shades of color and very double. The Baisams were Beautiful and just bloomed themselves to dath. The Peturias and Pinks were all that could be desired—in fact all the flowers were as good as the best, and we all enjoyed them very week." Desire Roberts Son much."--Ralph Robertson.

DWARF PYRAMIDAL BOUQUET—A magnificent dwarf variety, about one foot high. When full grown a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms, often numbering fifteen or twenty flowers, almost entirely hiding the foliage. Fine for edging and small beds. Six distinct colors mixed.

DWARF VICTORIA, Dark Scarlet-One of the finest of the new asters, it might well be called a fireball on account of its brilliancy the perfect flowers are borne in great abundance on a neat bush about ten inches high—effective in beds or valuable for potting. This should be included in every order for Asters.....

DWARF VICTORIA-Mixed-The finest class of Half Dwarf Asters for size, range of color, and profusion of bloom, it is unsurpassed

NEW VICTORIA-Mixed-A very free bloomer; flowers very large and beautifully imbricated; plant pyramidal in form. All colors. 16

NEW VICTORIA, White-One of the finest. Flowers large, perfect in form, and of the purest white.....

VICTORIA NEEDLE ASTERS-Mixed-A remarkably free bloom-In yariety with large double flowers of a very unique appearance. The petals of the flowers are curved and round as a needle. The colors range through the various shades of red, blue, purple, crimson, rose, etc.....

CROWN WHITE CENTER-The flowers of this beautiful class of Asters are two-colored; the center of each pure white, with the petals of bright colors, as crimson, carmine, blue, violet, etc.; inll double, of handsome shape, contrasting finely in color with the Rose and Perfection classes. Mixed colors.

WASHINGTON-LARGEST FLOWERING OF ALL-Frequently measuring inches in diameter, very fine and of lovely color; four or five inches in diamete feet high. Choicest mixed.

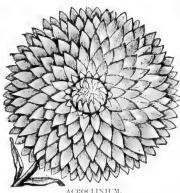
NEW ROSE-Mixed-Magnificent flowers, in shape and size rivaling the finest Roses. A great variety of brilliant colors, making a beautiful display during August and September. This seed is our importation from a celebrated German grower, and can be relied upon to produce the finest flowers for exhibition purposes; 18 inch. 10

NEW WHITE ROSE-Robust habit, producing large, pure white flowers, full and double as the finest rose. Blossoms profusely, covering the plant; remains in perfection nearly a month. 18 inches. 10

BOTPLEASE NOTE THAT WE HAVE ADDED SOME NEW AND VERY FINE ASTERS TO OUR LIST. THE







ADLUMIA.

AGROSTEMMA.

ABUTILON.

ASTERS-Continued.

washington-New Scarlet-New and very fine, flowers beautiful and of immense size. Customers will be delighted with it

TRUFFAUT'S FRENCH PÆONY-FLOWERED PER-PECTION—Mixed—This is the most perfect type of Peony-Flowered Asters. Flowers large, brilliant, very double and imbricated; oval in form, somewhat resemble a double rose, 1½ feet high. Hard to surpass in size of flowers, brilliancy of color and habit of growth 10

NEW DWARF PÆONY PERFECTION-Mixed-Grows only 12 inches high, of very neat, compact habit, and flowers most profusely. The flowers are of very large size and fine form, perfectly double, the petals beautifully incurved. The colors are peculiarly rich and brilliant, and the refined form of the flowers attracts great attention. Mixed colors

JEWEL OR BALL-A new and magnificent class of As-

TRIUMPH—The individual flowers measure from $2\frac{1}{2}$ to 3inches across and are of the most faulties Pacony form, all petals being beautifully curved. The color is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet, presenting with these two brilliant colors a lovely sight. Each chain thears of two brilliant colors a lovely sight. Each plant bears at least 30 to 40 flowers of exquisite beauty.

PURE WHITE MICHON-A new Aster of great beauty. resembles the Victoria class in habit of growth but ex-cels in free blooming. Plants about 15 inches high. Flowers of good size, pure white reflex petals and very double. It is splendid in pots or the open ground. Undoubtedly one of the finest for cut flowers.

MICNON MIXED—New Shades—Rose, Lilac, Peach Blossom, White, etc.; very fine, a well established and popular favorite Aster of the Victoria class..... SNOWBALL or PRINCESS WHITE-A new distinct

Aster, raised from the Mignon, with which it corresponds as to growth and height of the plant. Every plant produces about 30 pure white flowers which are high-embowed with short petals lying scale-like upon the other. Its dearn, faultage the scale-like upon the other. Its elegant, faultless shape, makes it valuable as a cut flower, the cut flowers last longer in water than any other Aster. Also suitable for pot culture.

COMET-Mixed-Form regular pyramids 12 to 15 inches. and covered with large double flowers. In shape they resemble a large-flowered Japan Chrysanthemum, the petals being long and twisted, or curled and wavy

NEW WHITE COMET—This is a very pretty, new pure white Aster, the flower is much larger and more curled than that of the other colors of the Comet class and will certainly give satisfaction.

NEW CHRYSANTHEMUM—Flowered Dwarf—A desirable class, one foot in height; late, and valuable on this account, as well as for its great beauty. Mixed. CHRYSANTHEMUM-Flowered Dwarf, White-A su-

perb variety, every flower unusually perfect. FIERY SCARLET CHRYSANTHEMUM-Flowered-A very fine variety.....

CERMAN QUILLED-A well-known favorite and very Many varieties in finest mixture distinct sort.

IMBRICATED POMPON-Mixed -beautiful...... 10 TALL ASTERS-Mixed-Many choice kinds and classes. Large pkt., 10c. regular size pkt.

DWARF ASTERS-Mixed-Many Dwarf and Half Dwart kinds. Large pkt , 10c.; regular size pkt

FLOWERING MAPLE, OR CHINESE Bell, Flower-Universally ad mired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early: the seed should be started in the house and the young plants set out in the garden but not until the weather is warm and settled. They grow rapidly and make fine large shrubs, bearing elegant bell-shaped flowers. They bloom freely in winter in the house. Choice mixture of elegant colors...... 10



SUNRISE AMARANTHU TRICOLOR AMARANTHUS

ABRONIA.

Trailing plants with Verbena-like flowers; leaves light green, of long oval shape; the stem , lying prostrate on the ground. May be trained to sticks or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant, and a long time in bloom. Transplant to one foot apart. Half hardy annual.

Umbellata—Rosy lilac with white eye...... Arenaria-A beautiful yellow variety.....

ACROCLINIUM.

A beautiful Everlasting Flower, strong growth. about 18 inches high, and bears a great number of pink and white daisy-like flowers, with a yellow center. Should be gathered the first day they open, or before they are open, and dried in the shade, to secure a bright center.

Acroclinium, mixed......

ADONIS.

This pretty hardy annual is of easy culture, has blood-red or deep searlet flowers and hand-some foliaga. Set the plants one foot apart. Blooms from July till September. 12 inches.

Adonis Aestivalis...... 5

ADLUMIA.

Mountain Fringe, or Allegheny Vine.

Hardy annual. An attractive climbing plant with pale green foliage, bearing small, flesh-colored blossoms.

Cirrhosa

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; it blooms the whole summer; also good for winter blooming; of easy culture, succeeding in any soil. Half hardy annuals.

Conspicuum-Fine white flowers; 18 inches. 5

Imperial Dwarf Blue - Very dwarf; 6 inches Lasseauxii-Dwarf rose; valuable for cutting; 15 inches.

Mexicanum-Lavender blue; 2 feet

ANCHUSA.

A splendid bouquet flower, of long duration, producing azure-blue forget-me-not-like flowers; hardy perennial; if sown early blooms the first season, growing freely in shaded situations; two feet Capensis....



HYBRID ABUTILONS.



AGERATUM.





MPELOPSIS



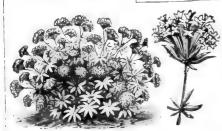
BRACHYCOME.



REX BEGONIA.



BALSAM APPLE.



ASPERULA

AGROSTEMMA—(Mullein Pink).

A bright little pink-like flower, of deep crimson with lighter center, produced on long, slender stems. The plant is branching, rather dwarf, and very pretty for edgings. Flowers the first season from seed sown in spring, and can be increased by dividing the larger roots. In these dwarfs are the plant of the larger roots. In bloom during June and July. Hardy perennial. (See cut on page 59.)

Coeli Rosea-(Rose of Heaven)-Rose; white center. Coronaria ...

ALONSOA.

a very pretty spike; 18 inches.....

ALYSSUM.

The delicate honey-like fragrance of the flowers of this little plant, so much prized in bouquets, basket and design work renders it most unlikely that this old favorite will ever be cast aside. Easy culture; blossoms all sum-

mer; 12 inches. (See cut on page 59.)

Alyssum Odoratum—White, very sweet, in clusters,
Little Cem—Of very compact growth, 3 or 4 inches high, but a single plant will cover a space up to 3 feet in circumference. It grows quick from seed and the plants will bloom when quite young. The abundance of flowers is simply enormous, over 300 blossoms having been counted on a single plant.... 10 Benthami Compactum-Of dwarf, robust growth;

Colden Saxatile-A free-growing perennial. ers brilliant golden yellow, completely hiding the foliage. Plants about one foot high; desirable for rock work; quite showy in masses....

AMARANTHUS.

Of remarkably handsome foliage and interesting flow ers, producing a striking effect in the border as a back-ground, or as centers of beds. The seeds may be sown ers, producing a strikers of beds. The seeds may be sown in the open border, or in a hot-bed, which is recommended; transplant about first week in June. Produces most attractive and brilliant foliage upon poor soil; transplant to 20 inches. Half-hardy. (See cuts page 59.) Surrise—Most brilliant of all; top of plant brilliant crimson.

Tricolor-Red, yellow and green foliage; two feet .. Caudatus (Love Lies Bleeding)—Long drooping "chains" of flowers; pretty for decorating...... Cruentus (Prince's Feather) Flowers somewhat similar to Caudatus, but in erect masses....

All kinds mixed.....

AMPELOPSIS.

There are few plants of more value than the Hardy or

There are few plants of more value than the Hardy or Perennial Climbers. Once planted they remain, and get larger and better every season. Invaluable for covering arbors, old stumps, trees, etc., and should be used freely. Ampelopsis Veitchii, "Japanesee lvy," or "Boston Ivy" — is a most beautiful climber and is fast becoming a great favorite, clinging very firmly to the sides of a house or wall, and will soon form a most perfect mass. On this account and the beauty of its foliage, gives excellent satisfaction 5

ASPERULA.

AQUILEGIA—(Columbine).

Exceedingly showy, early blooming, hardy plants, especially valuable for the peculiar formation of their flowers, and the great variety of color. Hardy perennial. Chrysantha (Colden-Spurred)—A strong grower, forming busby plants three feet high, bearing all through the season an abundance of bright goldenellow flowers.

Vulgaris-Double-Mixed . ANAGALLIS.

Beautiful little plants, valuable for edgings, small beds, vases, bas-ket, or rock-work; when sown in a mass thickly will cover the ground with a profusion of flowers from July to October. Succeeds best in a light, rich soil, with warm exposure. Half-hardy annuals; one foot.

Anagallis Grandiflora - Fine mixed

BALLOON VINE.

Cardiospermum Halicaca-bum, or Balloon Vine, is a curi-ous, half-hardy annual. Sow seed under glass, and if planted in the garden, find it a shel-



ANTIRRHINUM.—(Snap Dragon).

This is an old favorite border plant, with dark and glossy leaves, and curiously shaped flowers with finely marked throat. They have been much improved by careful selection, and are really magnificent flowers. They will blossom the first season from seed sown in Spring, but the blossoms will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial; two feet high.

Antirrhinum-Mixed colors 5

Tom Thumb—Dwarf growing, one foot.

BEGONIAS—Tuberous-Rooted.

These are among the handsomest of our summer-flowering bulbs, and are not grown to the extent they should be Any amateur can grow them, as they require no more care than Geraniums or other greenhouse or bedmore care than Gerandins or other precinouse or bending plants. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed if started in February or March, in temperature of about 60 degrees. To raise them from seed, take a pot or flat (two or three inches deep), fill half full of some coarse stuff, to assure good drainage. then fill to within one-half inch of the top with fine, sifted, light soil, press down level and sow the seed, sifting over them a light covering; cover this with a thin covering of long-fibre sphagnum moss or with common brown paper. As soon as the seed show signs of starting, lift the moss or paper and gradually expose to the light. As soon as second leaf appears prick off into flats or small pots filled with any good loose soil. Keep them slightly shaded from the direct rays of the sun and as near the glass as possible. In the fall take up the tubers only not in the collect the same as you would a bablia. and put in the cellar the same as you would a Dahlia.

DOUBLE, FINEST MIXED-The seed we offer has

SINGLE, FINEST MIXED.....

BECONIA, Rex Hybrids—Large, ornamental leaves of dark green, bronze, gold, red. These are grown for their variagated foliage, and are very desirable for house and garden decorations, in shady positions, and are well adapted for baskets. Mixed... 25

BRACHYCOME—(Swan River Daisy).

Free flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot-culture. Half-hardy annual. Light Blue and White, mixed...... 5

BALSAM APPLE.

Very curious vines with ornamental foliage, fruit golden vellow, warted, and when ripe opens, showing the seeds and its brilliant earmine interior: fine for rock work, stumps, etc. Half-hardy annual; ten feet.

BALSAMINA-Per oz., 50c...... 5 BARTONIA.

Producing showy flowers above its gray and downy thistic-like folinge, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well. Hardy annual two feet. AUREA-Large golden yellow

BACHELOR'S BUTTON-See Centaurea.



BALSAMS

"Lady Slippers" or

"Touch-Me-Not."

These are old favorites with every one owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers, they must be transplanted into a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varicties.

They can be pruned to any form desired to two or three, or even one branch. Tender

LIVINGSTON'S PREMIUM BALSAMS.

EXTRA DOUBLE AND VERY LARGE FLOWERS.

We beg to call special attention to the excellence of this unequal of strain. The flowers are immense in size, of thre form, and as double a Camellia, which they resemble. The colors are as varied and brill as could be desired, even by the most fastidious; so double that it is a very shy seeder. The flowers are immense in size, of fine form, and as double as lia, which they resemble. The colors are as varied and brill ant LIVINGSTON'S PREMIUM MIXTURE-7 pkts, for \$1,00; 3 pkts, for 50c...... Pkt. 20

FIND BAISAMS are one of our specialties, and we have taken special pains to secure the most double and largest flowers in the most distinct and striking colors.

Flesh Color.

Price, per packet of any of the above, 10c.; any 3 for 25c.; 7 for 50c.

DWARF BALSAMS—Useful for borders, but the flowers are only semi-double...

CARNATION STRIPED BALSAMS—Very pretty and attractive but not quite so double as the Camellia Flowered. Finest Mixed, many colors.

DOUBLE AND SEMI-DOUBLE MIXED-All colors

CACALIA Tassel Flower.

A showy plant of easy culture, golden-yellow tassel-shaped blossoms. Also known as "Flora's Paint Brush." Sow early in spring in open ground in clusters. Half hardy annual; feet high. They keep in bloom from early summer until autumn, furnishing flowers for cutting every day; valuable for small bouquets.

MIXED

CALENDULA.

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; one foot.

Meteor-Large, double yellow, striped orange. 5 Prince of Orange-Resembles Meteor, but much darker ... Pongel-Showy, double white flowers 5

Orange King-New, very large double dark orange-red flowers..... 10 ure Cold-Large flowers, pure golden yellow 10 CHOICE MIXED

CAMPANULA.

Weil known beautiful hardy herbaceous perenmals, bearing a great profusion of attractive bell flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatica and Speculum are fine for beds edgings and ribbon gardening.

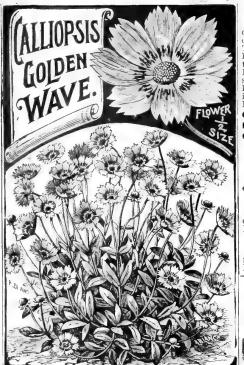
SPECULUM-A double blue variety of Venus' Looking-Glass, fine for cutting and bouquets; six inches.....

CARPATICA, Mixed-Free-flowering, blue and white mixed, continuing in bloom the whole

season: six inches CALYCANTHEMA (CUP AND SAUCER)-This is the finest variety of Campanula, producing plants with white and blue flowers resembling a cup and saucer; mixed.....

SINCLE, Mixed (Canterbury Bells)—Beautiful large bell-shaped flowers; effective plants for pot-culture; hardy biennials; 2½ feet... 5

DOUBLE, Mixed (CANTERBURY BELLS)-All the louble Media varieties . 214 feet



CALLIOPSIS—(Coreopsis.)

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, as they grow rapidly, require no care and thrive in any garden. They make brilliant groups or low screens. Seed grows very readily and may be sown where plants are to flower.

Drummondii (GOLDEN WAYE)-Bushy,compact plants, covered all summer with bright golden flowers, two inches across, distinctly marked with dark brown center. Coronata-Brightest yellow flowers, large

oronata—Intelligent yellow movers, large size, deepening to rich orange toward the center, and elegantly punctated with maroon. The flowers are borne on long creet stems, and are fully equal to the perennial Calliopsis Lancolata. The rich, waxennial Calliopsis Lanccolata. The rich, wax-like foliage grows only one foot high, from which flowers stand out in bold relief.

Dwarf Blood-Red-Dwarf bushy plants, deep blood-red flowers....

Hybrida Double-Rich velvety maroon, bordered yellow: the flowers are semi-double and double.

Mixed-All varieties and colors.

Dwarf Sorts, mixed.

Crandiflora-Very large golden-yellow flowers; splendid for cutting; hardy perennial.. 10 Lanceolata (New Golden Coreopsis)—One of the most showy hardy perennials grown, forming tall plants two to three feet high, and bearing in great profusion for a long period during the summer large flowers of bright golden-yellow. Unequaled for cutting: grows anywhere

FRENCH CANNAS.

CANDYTUFT.

The Candytuits have long been among the most highly prized of garden flowers, and cultivation has done much in producing improved varieties. The best effect is produced by raising the plants in masses, and the seeds are sown where plants are to bloom; sow in rows six or eight inches apart and thin out the plants so that those remaining will have plenty of room. The soil should be rich, and when blooming time comes keep the plants well watered, especially if it should be a dry time. The plants are very branching and it is sometimes necessary to prune away some of the shoots in order to increase the size of the flowers. The Rocket Candytuit grows in compact spikes; the new dwarf varieties are only about six inches in height and their season of bloom is very long. 1 magnificant variety with enormous heads of pure white flowers 10

New Empress—A magnificent variety with enormous seads of pare works	
White Rocket—Oz., 20c.; pkt., 5c. Dark Crimson—Beautiful color,oz., 20	
New Dwarf Hybrids-Of dwarf habit and perfect shape, abundant flowers, from pure	10
white to dark purple	10
Tom Thumb-White, very dwarf; 4 to 6 inches. Sown early will bloom in June .Oz., 25	- 5
Umbellata Lilacina—Purple lilac	.)
New Carmine-Dwarf plants, with vivid carmine flowers	ā
White Fragrant—Oz., 20c.: pkl., 5c Mixed, all colors Oz. 20	,

CANNA—(Indian Shot.)

The Cannas are the coming plants of our gardens. The demand for them is rapidly increasing. They are creet, stately plants from two to six feet in height, with ample and elegant foliage. The leaves are green in some varieties and in some purplish and reddish. The flowers are bright colored, red or yellow and variously marked, and peculiar and handsome in form. The plants once obtained can be kept from year to year, dividing them as they increase in size; on the approach of frosts they must be taken up, like bahlia roots, and after lying out a few days to dry off, they can be stored away until spring in a cellar. They are very hard and some soak them in warm water for several hours before planting; but the best way is to file a hole just through the shell thus allowing the passage of water to the seed, which, in swelling, breaks the hard covering. The French Hybrid Cannas, though no better as foliage plants, have much larger flowers.

CHOICE MIXED VARIETIES—All kinds and sorts..... DARK LEAVED VARIETIES—Splendid Mixture..... CROZY'S NEW FRENCH HYBRIDS-Saved from the handsomest of the new varie-

ties of this successful grower. Most of them are very dwarf in habit, early bloomers, and very remarkable for beauty of both flower and foliage; excellent for pots......

CANARY BIRD FLOWER—(Tropæolum Peregrinum.)

One of the most desirable climbing plants, growing rapidly to a height of ten feet: produces an abundance of yellow fringed flowers throughout the season.

CHEIRANTHUS—(Virginia Stock.)

Fine for small beds or edgings. May be sown where they are to bloom, or transplanted. Set about four inches apart. Should be sown in masses. About six inches in height. Hardy annuals. MIXED COLORS.

COLLINSIA.

Collinsia is a very pretty, free-blooming, hardy annual. The marbled or many colored flowers are in whorls of five or six blossoms, and three or more whorls on each stem. Flower stalks 12 to 18 inches high. May be sown in open ground. **BEST MIXED....** 5

CLARKIA.

The Clarkia is held in great estimation in The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and plants will be large enough by spring to make good bloom. Hardy annual, 1½ feet high.

DOUBLE AND SINCLE MIXED 5

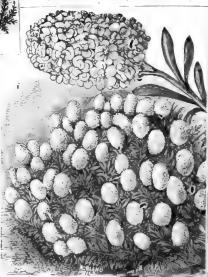
COCKSCOMB-(Celosia.)

Highly ornamental plants, producing crested heads of flowers somewhat resembling a cock's comb. The flowers are many colors and shapes, but the scarlet and crimson are the most brilliant and rich. Showy plants may be raised from seed planted in the open ground in May. The oftener they are transplanted, or shifted, the larger and more beautiful they grow. Should be three feet apart. Tender annual, two feet high.

NEW JAPAN-The combs are delicately cut, while the colors are the brightest imaginable.

QUEEN OF THE DWARFS-New. A rich ruby red FINE MIXED, many colors 5

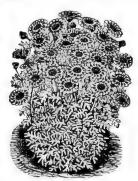
CATCHFLY—(See Silene.)



CANDYTUFT.







ANNUAL CHRYSANTHEMUM.







CALCELARIO.

CHRYSANTHEMUM.

Showy and effective garden favorites, extensively rown for cut flowers. The hardy annuals are summer grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

ANNUAL VARIETIES.

Burridgeanum-White centre, crimson band, beautiful. Carinatum Eclipse-Pure golden with a bright purplish searlet ring and dark brown disc, very striking 10

Cladstone-Brilliant crimson. Very showy. Colden Feather--White, banded crimson, inner ring canary yellow, maroon eye. (See cut.).

The Sultan—Crimson maroon, golden yellow centre. 10 Coronarium-Choice double, white and yellow flowers, mixed ...

Inodorum Flore Pleno-Best new sort with large double white flowers; excellent for cut flowers. Carinatum Finest Mixed—Single.....

Carinatum—Finest mixed, double.....

PERENNIAL VARIETIES.

NOT The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

Frutescens—"Marguerite" or "Paris Daisy"—This variety, under the name of Marguerite, has obtain

shaped, white flowers are freely produced and the plant will grow under almost any circumstances: perennial..

Japonicum—These are gorgeous autumn flowering plants. Quite distinct from the old varieties in style of flowers. Seed sown early will produce strong, flowering plants the first year. The seed we offer is from a choice collection of named varieties. Half hardy perennial. (See cut.).....

Double Good Mixed—All types.....

COBŒA.

A fine rapid-growing annual climber, with handsome foliage and large, beautiful bell-shaped flowers. Seeds should be started in hot-bed or by a warm window in the shouse, in rather dry soil, as they are apt to rot in open ground. In sowing, place the seed edge down, and do not water unless in a warm place, and the soil becomes very dry. A well established plant will run fifty feet in a season and cover a large veranda.

BLUE-Deep violet.... WHITE—Very fine..... ... 10

CALCEOLARIA.

Unsurpassed for pot culture in the greenhouse or conservatory; producing the brilliant flowers in great profusion and variety. The blooms are remarkable for their oddness of shape, and for their richness, diversity and variety of color.

Tigred and Self-Colored Finest Mixed...... 40 CONVOLVULUS .-- (Dwarf Morning Glory.)

Beautiful and showy plants, producing an abundance of richly colored flowers. Set one foot apart. Blooms from July until autumn. Hardy annual. Convolvulus Minor-Mixed tri-color.

Convolvulvs Major-(See Morning Glory.)

CENTRANTHUS.

COLEUS.

Beautiful ornamental foliaged plants, both for hothouses and bedding out during summer in a sheltered place, not exposed too much to the sun. The broad, oblong, slightly dentated leaves being of a deep crimson brown color, edged with green and yellow, or salmon color, or mottled in a picturesque manner, are of the greatest attraction in ribbon borders or indoors.

Hybrids-Splendid collection, mixed.

A well-known and admired, rapid growing, free flow-cring, ornamental climber. No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the favorite climber of the world. For pillars, trellises, or planting about soulworld. For pillars, trellises, or planting about rock-work the Clematis cannot be excelled. Seed should be sown in the fall or winter, in shallow boxes in the usual way. They will generally lie dormant, even in the greenhouse, but germinate on the approach of spring When an inch or two high transplant into boxes

or small pots preparatory to planting in the open ground in May. Hardy perennial.

Clematis, Large Flowering Mixed (Jackmans)—Flowers 3 to 4 in. across, of charming shades of blue, white, purple, etc....

Coccinea-Tubular flowers of waxy vermilion; interior yellow.

Crispa-Tube-shaped flowers, expanding into a star; pale blue and white

Flammula — (Virgin's Bower) — Fragrant white feathery flowers, borne in clusters



CLEMATIS.



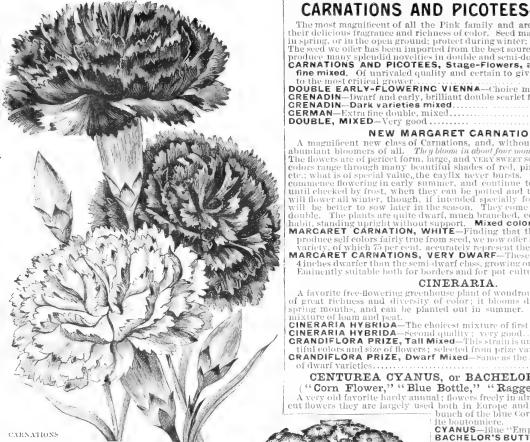
CENTRANTHUS





CRBŒA.





CYPRESS VINE—(Ipomœa).

This is a most beautiful climber, with delicate, dark green, feathered foliage, and an abundance of bright star shaped rose, scarlet and white blossoms, which in the bright stanlight present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, nothing is prettier. The seeds will sprout more readily if warm water is poured on the ground after socious. ound after sowing.

QUAMOCLIT—White, rose, and scarlet, mixed COCCINEA (Star Ipomœa)—Small scarlet flowers... HEDERACEA CRANDIFLORA.

CYCLAMEN.

These elegant greenhouse percunials have been vastly improved of late years. Our strain is selected from the improved English sorts, and is conceded to be unsurpassed. Cyclamen seed sown early will bloom the following winter. We can supply the bloom but he was a supply the second part of the control of th blooming bulbs in September.

PERSICUM-A superior strain. Mixed colors 15 CICANTEUM-A magnificent strain; extra selected, large flowering. Mixed colors-..... 25

COSMOS—(Hybridus).

Of very rapid growth and makes large bushes fully five feet high, which are a mass of elegant foliage. From September until severe frost each plant is covered with hundreds of showy blossoms two inches in diameter. The flowers are borne on long stems and are white, flesh-color, charming light pink and deep rose in color, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases. They are easily raised from seed, and can be transplanted or grown from cuttings.

HYBRIDUS—Mixed colors. 10

PEARL WHITE-Large, pure white flowers; very beautiful; valuable for florists 10

CUPHEA (Cigar, or Firecracker Plant.)

DATURA.

DIGITALIS.

'Foxglove' or "Witches' Fingers," ornamental hardy border plants, having long ikes of showy flowers. Three to five feet—Mixed colors. spikes of showy flowers.

CARNATIONS AND PICOTEES—(Pinks). The most magnificent of all the Pink family and are general favorites for

The most mingfinited to fail the Pink intiny and are general favorities for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground; protect during winter; half-hardy perennials. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers.

CARNATIONS AND PICOTEES, Stage-Flowers, all classes, extra fine mixed. Of unrivaled quality and certain to give great satisfaction to the most critical grower. EARLY-FLOWERING VIENNA-Choice mixed CRENADIN—Dwarf and early, brilliant double scarlet flowers.

CRENADIN—Dark varieties mixed.

NEW MARGARET CARNATIONS.

NEW MARGARET CARNATIONS.

A magnificent new class of Carnations, and, without exception, the most abundant bloomers of all. They bloom in about four mouths after sowing the seed. The flowers are of perfect form, large, and very sweet scenter. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc.; what is of special value, the caylix never bursts. Those sown in spring commence flowering in early summer, and continue to bloom in profusion until checked by frost, when they can be potted and taken in the bouse and will flower all winter, though, if intended specially for winter flowering, it will be better to sow later in the season. They come about eighty per cent. double. The plants are quite dwarf, much branched, compact and robust in habit, standing upright without support. Mixed colors—Pkt., 10c.; 3 for 26c. MARCARET CARNATION, WHITE—Finding that this valuable race will produce self colors fairly true from seed, we now often a pure white flowering variety, of which 75 per cent. accurately represent the type. Pkt., 20c. MARCARET CARNATIONS, VERY DWARF—These Carnations are about

variety, of which 75 per cent, accurately represent the type. Pkt., 20c.

MARCARET CARNATIONS, VERY DWARF—These Carnations are about 4 inches dwarier than the semi-dwarf class, growing only 9 to 13 inches high. Eminently suitable both for borders and for pot culture. Pkt., 20c.

CINERARIA.

A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of color; it blooms during the winter and spring months, and can be planted out in summer. They thrive best in a

nixture of loam and peat.

CINERARIA HYBRIDA—The choicest mixture of first quality.

CINERARIA HYBRIDA—Second quality: very good.

CRANDIFLORA PRIZE, Tall Mixed—This strain is unsurpassed for beautiful colors and size of flowers; selected from prize varieties; 2 feet

CRANDIFLORA PRIZE, Dwarf Mixed—Same as the above, except being

CENTUREA CYANUS, or BACHELOR'S BUTTON.

("Corn Flower," "Blue Bottle," "Ragged Sailor," etc.)
A very old favorite hardy annual; flowers freely in almost any situation; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue Corn Fower being a favor-ite boutonniere,

CYANUS—Blue "Emperor Flower"....
BACHELOR'S BUTTON—Choice mixed NEW DOUBLE CORN FLOWER-CORN Flowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a slcome. Choice mixed.

AMERICANA-Large-growing, with large

WHITE-LEAVED OR DUSTY MILLER VARIETIES.

Valuable for ribbon bedding; the silvery whiteness of the leaves being effective with other colored leaved plants; half-hardy per

CYMNOCARPA—One of the best; 114ft 10 CANDIDISSIMA—One foot ...

COLUMBINE—(See Aquilegia.) CASTOR OIL BEAN-(See Ricinus).



choice, mixed, from select flowers only 15

choice, mixed, from select flowers..... 10

ers of single Dablias are large, perfectly star-shaped, formed of broad petals which are gay and beautiful in color. They grow and bloom very soon from

liant colors, mixed.....

DELPHIUM—(See Larkspur.)

FORGET-ME-NOT-(Myosotis.)

The Forget-me-not is an old favorite plant,

will succeed best and flower in early spring.

ALPESTRIS—Blue 5 ALPESTRIS ALBA—Pure white; 6 inches 10

ALPESTRIS VICTORIA-Of bushy habit.

Plant 5 to 7 in. high; diameter 8 to 10 in-

ches, and when fully grown is globular in shape, and covered with large, bright

azure-blue flowers. The best one for growing in pots... ALPESTRIS CRANDIFLORA - New; large flowering, of pyramidal habit very fine.....

DISSITIFLORA—Compact habit, profuse

PALUSTRIS SEMPERFLORENS -- A

bloomer; exquisite blue; and attractive bedding plant; 6 inches

seed.

Hardy perennial.

.....10

Many people are



The Set of six for only....60 cts. ESCHSCHOLTZIA.

ors. Finely cut leaves of a glaucous color, and blossoms about 2 inches in diameter, of many brilliant showy colors. As stalks and branches are delicate, they will do better if supported by small sticks. Sow where the plants are wanted to bloom, as they do not bear transplanting. Thin to six inches apart. Hardy annuals. One foot high.

EUPHORBIA.

HETEROPHYLLA-"Annual Poinsettia." "Mexican Fire Plant" or "Fire on the Mountain." An annual of the easiest culture, forming bushy plants three to four feet high, with highly ornamental leaves, which in summer and autumn become blazed with a darker fiery scarlet so that only a tip of green is left. Grow in a situation fully exposed to the sun, which en-hances the brilliancy and hastens the coloring; also valuable as a pot plant. Three packets, 25c.; packet, 10c.

VARIEGATA (Snow on the Mountain) A large, robust growing annual, 2 feet high, with very ornamental green fol iage, striped with white. Splendid for borders and large masses. Pkt., 5c.



FORGET-ME-NOT



ESCHSCHOLTZIA



DOUBLE DAISY.



EUPHORBIA HETEROPHYLLA

California poppy; very showy col-

Splendid Mixture.....

And One pkt. each of the above for only 60 cts. DOUBLE DAISY-(Bellis.)

Very fra-

great variety. One foot.....

HEDEWICH-Single-Flowers, three inches across, of rich, beautiful colors ...

LACINIATUS—Double—Magnificent flow

ers, very large, petals deeply serrated...

LACINIATUS-Single-Flowers very large. sometimes three inches in diameter; pet-als very deeply fringed and beautifully

ALBA FLORE-PLENO - Double white.

DOUBLE MIXED-Many choice kinds PLUMARIUS (Pheasant-Eye Pink)-This

is the old original Clover Pink. Very grant; hardy perennial. Six inches.

One foot.

charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early. The flowers are abundant in early spring, and may be made to flower later by the use of water. Plants can be removed safely even when in flower. Tender perennial. Six inches.

DOUBLE MIXED-Finest German seed... 10 LONCFELLOW .- Has very double dark rose flowers, comes true from seeds, of unusual size.

SNOWBALL-A large and very double pure white Daisy of the "Longiellow" type. Flowers on long stems, excellent for cut-



FOUR O'CLOCK.



GLOBE AMARANTH.





HELIPTERUM



EDELWEISS.

GNAPHALIUM LEONTOPODIUM-The famous and true " Edel-The flowers are of a downy texture. weiss" of the Alps. pure white and star-shaped...

EUTOCA.

Foliage dull green, covered with hairs; blossoms blue and

EVENING PRIMROSE—(Cenothera).

A beautiful genus of exceedingly fine flowering plants. The character of the plant is somewhat singular, the blos soms not expanding till the latter part of the day, making a magnificent show during the evening and early in the morning. Blooms the first season.

LAMARKIANA—Very showy, large yellow flowers; 3 ft. 5

FOUR O'CLOCK-(Marvel of Peru).

Flowers open in the afternoon, hence the name Four Clock. Old fashioned, but none the less beautiful. The plant is large, and requires four fect of space; makes a pretty hedge. The flowers are immel-shaped, while, red and striped; very fragrant and opens about 4 o'clock in the afternoon, remaining open all night. Will grow in any common garden soil from seed sown in the open ground. Hardy annual. plant is large, and requires four feet of space; makes a pretty FOUR O'CLOCK-Mixed.

FUCHSIA.

Fuchsias are as easily grown from seed as cuttings, and from seed many new varieties are obtained. They will flower freely the first year in the open ground, while the plants can
be taken in the house in the winter, where they flower

still more freely. We offer the finest single and double, saved from named varieties, mixed. 25c.

GAILLARDIA.

pearance; the flowers form into globular-shaped flowers, finely fringed. Early. Continues in bloom PERENNIAL-Fine mixed. One of the most showy and perpetual-blooming hardy plants we have ...

GILIA.

A familiar and popular garden plant, with finely cut TRI-COLOR-White, Lilac and Purple.....

GLADIOLUS.

Magnificent plants with sword-like leaves and long spikes of flowers of every conceivable color and shade. The variations are now numbered almost by thousands, each year bringing forth new and choice selections which have been produced from seed, which is the only method of obtaining new varieties. Half-hardy perennial.

SPLENDID MIXTURE—From choice named

varieties....

GLOBE AMARANTH—(Gomphrena).

An excellent everlasting or immortelle; flowers globe-shape, purple, orange and variegated. Retain their shape and color when dried; are also good for cutting as fresh flowers. Called by some "Bachelor's Button."
Alba—White

Purpurea-Deep red Aurea—Golden yellow.
Mixed—Many colors.
Nana Compacta, Mixed—Of very compact, dwarf hubit; double flowers...
Dwarf Red **Dwarf White**

GLOXINIAS.

The Gloxinia is a grand flower and makes a lovely pot plant as easily grown and cared for as many of the common flowers. Without seeing them no one can appreciate their unrivaled beauty; they are of large size, beautiful shape and profuse bloomers, the colors ranging from pure white to dark blood red, pink, blush, lavender, indigo-blue, marbled and spotted. They will bloom in three months from the time seed will bloom in three months from the time seed is sown, or in six weeks from the time dry bulbs are planted. The flowers will last in water when cut, two weeks in perfect condition.

HYBRIDA CRANDIFLORA, DEFIANCE-

A new Scotch variety. The flowers are large and erect, with thinly frilled petals, GLOXIANAS. (CONTINUED.)

HYBRIDA CRANDIFLO RA, or "EMPEROR FREDERICK"—A magnificent new var: with large, upright flow ers of fiery scarlet ground beautifully broadly margined with pure white. One of the best for exhibition pur-SPOTTED AND TI-

CERED-Finely spotted and marbled. A splendid collection of beautiful varieties.....

SPLENDID MIXTURE of all classes..... 25



GOURDS—(Small, Ornamental Sorts).

A great variety of curiously formed and marked fruit, the vines are of rapid growth and with luxuriant foliadapted for covering screens, arbors. Height, ten to fifteen feet.

MIXED—Many beautiful varieties.

For other varieties of Gourds see Vegetable List.

GODETIA.

An attractive and hardy annual, deserving more extensive cultivation; profuse flowering plants, growing in almost any garden soil.

DUCHESS OF ALBANY—Very large, glossy, satiny

white flowers; beautiful.

LADY ALBEMARLE—Brilliant dark crimson; very

SATIN ROSE-Bright rose, glossy and satin-like in

appearance; very fine.

BIJOU - Flowers splendid white with dark red spot; not over 6 inches high; forming carpet-like bushes of 12 inches and over in diameter, bearing 200 to 300

GYPSOPHILA.

Small white, fragrant flowers, borne on long, feathery stems. No flower adds more of light and grace to a bouquet than this, and when once grown will be found in-dispensable. In bloom through the summer from first of July till frost. Although not belonging to the immortelle class, the flowers dry finely and are very desirable for winter bouquets. **ELECANS**

 $\mathbf{HELICHRYSUM} - (\mathbf{Everlastings}).$

Large, full, double, everlasting flowers, of various colors, from bright yellow to scarlet, shaded and tipped. Pecuirom oright yellow to wartet, shaded and tipped. Peculiarly desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter, if blossoms be gathered when on the point of expanding. Sow early in spring in any good garden soil, and thin the plants to one foot apart each way. Hardy annual. DWARF MIXED

HELIPTERUM.

One of the best everlastings; small, neat foliage, and finely shaped clusters of bright, golden-yellow flowers. Should be cut when the buds are about to open, tied in bunches, and hung in a shady place: the flowers will open in the drying houses and retain their brilliant color for years. Height one foot. SANFORDI ..

HELIANTHUS-(Sunflower).

HESPERIS—(See Rocket). HONESTY-(Satin Flower).

Lunaria bicanisis a perennial that is known as Honesty in all our gardens. An early, fine-flowering plant, bearing racemes of pretty single, purple flowers. The silvery seed pouches are curious and pretty, and desirable for house ornaments and working in with everlasting flowers. The plant is hardy



HOLLYHOCK.

HOLLYHOCK.

The Hollyhock, in its present state of perfection. is very unlike its parent of olden time; it now ranks with the dahlia, aster, camellia, etc. For a back-ground to a flower garden, perhaps no plant is so useful, the flowers are as double as a rose, of many shades of color. Hardy perennial; five feet high. The seed we offer of this handsome flower has been saved from the best collections in Europe.

Double Pure White.. 10 Double Lemon Color 10 Double Crimson.... 10

Double Flesh Color 10 Any three separate colors for 25c. or the four for 30c.

CHATER'S FINEST MIXED -Twelve double varieties of the greatest perfection, mix-ed; best strain in the world. . . . 15

mixed, many kinds...... 10 COOD MIXTURE..... 5

HELIOTROPE.

Every one loves the delightful

Exery one toyes the delightful trope, but very few are aware of the fact that it can be raised from seed as easily as Verbenas. From seed sown in the open ground the plants will flower in August, while a fine display can be had earlier by starting the seed in the house and setting out plants when the worther is warm. when the weather is warm.

King of the Blacks-Very deep 10 Boule de Neige-(Snowball).... Dr. Livingston-Very fine dark sort, 10 Choice Mixed-Dark flowering sorts, very fine 10 Fine Mixture-Of light and dark shades...... 10

HEDYSARUM—(French Honeysuckle.)

Handsome flowering plants, producing racemes of attractive pea-formed flowers. It bears some resemblance to the Scarlet Clover, but is a much bolder and handsomer flower; a desirable hardy perennial. Seed may be sown in the open ground,

HIBISCUS.

A branching plant of the easiest culture, with rather pretty foliage, and large cream-colored flowers, purple in the center. The flowers are exceedingly showy, not of long duration, but continue to bloom from June to October. Hardy annual. One foot high.

AFRICANUS ..

HUMULUS JAPONICUS.

This new Japanese variety of Hop is a splendid annual climber for rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is more dense. Seed sown in the open groud in spring will produce plants of a very large size in a short time. Withstands heat, drouth and insects, and remains fresh until late in the fall.

HUMULUS JAPONICUS.....

HYACINTH BEAN-(Dolichos Lablab.)

A splendid climber, with abundant clustered spikes of purple and lilac flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth and often climbs twenty feet in a season. Plant the seeds where the plants are desired, after the weather has become warm, and cultivate like the common pole Tender annual.

MIXED COLORS

HYACINTHUS CANDICANS. (CAPE HYACINTH.)

ICE PLANT.

A singular looking plant with thick, fleshy leaves which have the appearance of being covered with crystals of ice. Start early in pots, and transplant into light, sandy soil in a warm situation. Tender annual. ICE PLANT-(Mesembrianthemum Crystallinum.) 5

TPOMŒA BONA NOX See Moonflower.

IMPATIENS. (Zanzibar Balsam.)

A perennial Balsam from Africa. This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open air at the end of June, it grows luxuriantly, flowers with the greatest pro-fusion. The flowers are of a brilliant rosy-scarlet color, 1/2 in. in diam. A beautiful plant for win dow culture in winter. Sultani ...

JACOBÆA-(Senecio

A showy half-hardy perennial from South Africa. It produces in great profusion branching spikes of bright flowers, 1½ inches in diam.



DWARF TALL-DWARF TALL—.....

JOB'S TEARS—(Coix Lachryme.)

An ornamental grass which, when dried and tastefully arranged with everlasting flowers make an attractive winter bouquet. Half hardy annual; 1 to 2 ft. . 5

KENNILWORTH IVY—(Linaria.)

A pretty trailing plant for covering rockwork, and very useful for hanging baskets. Hardy perennial. Linaria Cymbalaria.

LOBELIA.

Exceedingly pretty, profuse blooming plants of great value to the flower garden; their delicate, drooping habit, and the profusion of their charming little flow ers, render them extremely ornamental.

GOLDELSE—NEW—A grand novelty forming with its golden yellow foliage and deep azure blue flowers a contrast of charming beauty.

ROYAL PURPLE (Compacta Oculata)—Dark stalks and deep blue flowers with distinct white eye, splendid new variety..... WHITE GEM—Flowers of purest white. Blooms until destroyed by frost; best white for ribbons

and compact bedding ... EMPEROR WILLIAM (Erinus)-A very compact variety, with fine sky-blue flowers......

CRYSTAL PALACE (Compacta)- A new, densely compact, miniature variety, which is studded with rich, deep blue flowers during the summer months...

QUEEN VICTORIA (Cardinals),-A new variety, ery dark leaves and beautiful flowers of brilliant searlet. Hardy perennial.....

GRACILIS-Fine for hanging baskets, vases, etc.; half hardy annual

The Larkspur is one of the handsomest and most useful of all plants, and will bloom in the dryest season with surprising persistence. The brilliancy of some of the colors is unsurpassed. HARDY ANNUAL SORTS.

DOUBLE DWARF ROCKET—Grows ten inches high; a dozen good kinds mixed.....

CARDIOPETALUM-Deep blue; heart shaped; 13/6ft 5 TALL STOCK FLOWERED-Spikes of double flowers 18 inches long; very beautiful and the best for florists. Two feet high. Several of the brightest and best colors mixed.

IMPERIAL DOUBLE EMPEROR-

Compact and profuse bloomer, having erect spikes of perfectly double flowers, which, in a dried state, are fine for winter bouquets. Eighteen inches high. Mixed colors...

HARDY PERENNIAL SORTS. **ELATUM HYBRIDUM-**Hashairy pet als in the center, and a fancied resemblance to a bee. Five feet high...

CRANDIFLORUM ALBUM-Large double white flowers; 4 feet high FORMOSUM-Rich blue; white; 3 ft. NUDICAULE-Very pretty scarlet flowers; fine for rockeries, flower borders or pot culture; 18 inches high..... 10

LATHYRUS—(PERENNIAL PEAS.)



LARKSPUR.

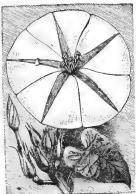




HYACINTH BEAN.







MOON FLOWER.

LANTANA.

Popular free-flowering and very rapid growing plants. large flower heads of various colors which emit a powerful aromatic perfume and are continually changing their color. The plants form bushes, and during the summer months are completely loaded with blossoms, which are succeeded by berries, which, when ripe, turn a deep blue. Start the plants in the house or hot-bed, and protect from frost. Tender perennial. Two feet. (See cut page 67.)

FINEST FRENCH VARIETIES-Mixed................................ 10

LYCHNIS.

A common border hardy perennial from Russia, to be found in nearly all large gardens, where it is justly cutilled to a place, as there are few flowers of such intense scarlet. To obtain good flowers the first summer, start seeds under glass and transplant as early as the weather will permit. Plants live for several years.

LYCHNIS CHALCEDONICA—Bright scarlet; 2 feet HAACEANA HYBRIDA-Large flowers, white, rose, red, etc.; 1 foot.....

LUPINUS—(Sun Dials.)

Profuse flowering ornamental plants, producing their flowers in graceful spikes of rich and varied colored flowers; useful for beds and mixed borders. Must be sown where they are to grow, as they do not bear transplanting.

ANNUAL VARIETIES-Mixed...... 5

POLYPHYLLUS—Finest mixed, perennial...... 5

MIGNONETTE.

A well-known hardy annual, producing dense, semiglobular heads of exceedingly fragrant flowers, borne on spikes from three to eight inches long. It is in bloom nearly the whole season, and the perfume is so strong and nearly the whole season, and the perfume is so strong and fragrant that the whole atmosphere around is perfumed. If sown at intervals during the spring and early summer it will bloom until killed by frost. Seeds sown in autumn will bloom early in spring. Hardy annual; perennial, if protected; 1 ioot.

IMPROVED VICTORIA RED—A NEW VARIETY, and a PERFECT BEAUTY in every respect. Grows about six inches high. Beautiful pyramidal spikes of regular form, PRETTY BRIL-LIANT RED FLOWERS, which are much larger and more brilliant than the old Victoria Red; dark glossy green valuable for pot culture, groups or edgings; plant eight inches apart ...

RESEDA ODORATA-(Sweet Mignonette)-Well-

PARSON'S NEW WHITE-Of robust habit; flowers large and showing more white than the common sort. 'A No. 1'.....

WHITE SPIRAL-Entirely distinct from the older varicties. A strong grower, and most abundant bloomer, producing flower spikes 8 inches long Oz., 25 5 ODORATA CRANDIFLORA AMELIORTA-A large

variety with reddish tinge to flowers...... COLDEN QUEEN-Fine; new and distinct; flowers a golden hue....

MACHET—Plant dwarf and vigorous, of good habit, producing many large spikes of very sweet scented flowers; fine for either pot culture or borders. Oz., 75-10

PUMILA ERECTA-Dwarf; compact; a good pot Mignonette.....Oz., 75 Many Kinds Mixed. Oz., 25 - 5

LEPTOSIPHON.

Hardy annual of the easiest culture and well adapted for making marginal lines in beds. From 6 to 12 inches. Fine Mixed.

LINUM—(Crimson Flax.) CRANDIFLORUM RUBRUM

One of the most beautiful annuals known; valuable for bedding 5

MARIGOLD.

well-known magnificent plant, with handsome double flowers, of rich and beautiful colors, and neat, compact, green foliage, producing a splendid effect in almost any situa-tion. The African is the taller and more striking in large beds and shrubbery borders, while the French fills in front, or is used in small beds. Half hardy annual.

African Quilled-Mixed; 2 feet. 5 French Dwarf-They form low, compact bushes, with masses of red and yellow double flowers

French Tall-Mixed colors......



MAURANDIA.

An elegant climbing greenhouse perennial, but in be grown from the seed and brought forward so as to branch and FLOWER PROFUSELY from August to October the FIRST SEASON, in the garden. One of the most popular climbers, whether for greenhouse, parlor, baskets or out-door purposes. Mixed, choicest kinds ... 10

MATRICARIA—(Feverfew.)

Free-flowering herbaceous plants, succeeding in any garden soil; fine for bedding or pot-cul-ture; blooms until frost; hardy annual; 18 ins

Crispa Alba Plena-Very handsome double 8 inches

Capensis fl. pl - Double white flowers, splendid for bouquets, etc.....

MOON FLOWER.

The Moon Flower has become an established avorite as a summer climber. No one who has favorite as a summer climber. No one who has a trellis or arbor to cover should neglect to plant one or more varieties of this most rapid growing of all annual climbing vines. Directions for sprouting the seed go with every packet.

MOON FLOWER—White-Seeded (Ipomæa

Alba.)—The variety most generally grown, being larger in flower, firmer in texture, and of sweeter odor than the common black seeded variety. It bears in the greatest profusion its lovely immense white flowers, 6 to 6 inches in diameter, with a five-pointed star in the center; the flowers open at dusk or earlier on cloudy days, at which time they are deliciously fragrant. To obtain the best results, start early in the house and set out as early as safe in the spring; usually they begin to flower early in August, the vines are nightly covered with pure white flowers, emitting a rich jessamine odor. Planted in rich ground, in a sunny situation, the vines attain a height of twenty-live feet in a season and of sweeter odor than the common black five feet in a season .

MOON FLOWER—New Cross-Bred, or Hybrid—This new variety is of great value for the North, as it is IN FULL BLOOM FULLY ONE MONTH BEFORE THE PRE-CEDING, and while not quite so large as the centre, and while not quite so large as the white-seeded, yet they are very numerous, completely covering the foliage in places. It is of luxuriant growth. Flowers are pure white, large and fragrant. Both foliage and flowers vary in form on different plants, some being scalloped, others round, others five-pointed or star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped, thus adding observants. varies from the original shape to oak-leaved and heart-shaped, thus adding charm and interest to this grand climber. If planted in a warm, sunny position, it will give delight to all who cultivate it, growing with great rapidity to a height of 70 feet; the luxuriant, rich bright green foliage makes andmirable shade for verandas, arbors, etc., and when the magnificent pure white flowers are one the effect is grand. ers are open the effect is grand

LEARI—This is a grand companion to the White Moon Flower, is a lovely satin blue with crimson bars. Planted with the White the effect is great; of easy culture.

Three Packets of Moon Flower, one or more kinds, 25c.





MINA LOBATA.

A rapid and luxuriant climber for trellises, arbors, etc. Flowers tube-like, and borne 15 to 25 in number on graceful, drooping spikes from bottom to top of plant. Color, bright red, changing to orange, then cream. Tender annuals. Thirteen feet.. 25



PERILLA.



NICOTIANA

MUSA ENSENTE - (Abysinian Banana).

This is one of the grandest and most pictur this is one of the grandest and most picturesque of the banana family; as a solitary plant or in groups on the lawn it has a very majestic and tropical effect. The leaves are very long and broad, of a beautiful green, with Grimson midrib in striking contrast. If planted in a warm spot, in a well manured mixture of leaf mould, rich loam and sand, it will attain a height of from 10 to 18 fect. An occasional application of liquid manure and frequent water. plication of liquid manure and frequent watering are necessary. If the seed is sown early in hot-bed and repotted several times, the plants will attain a height of over ten feet the first summer. The rapidity of its growth is astonishing. Tender perennial.

MUSA—Pkt of 5 seeds, 25c.; 5 pkts. for \$1.00.

MORNING GLORY-(Convolvulus.)

Is the best known and most popular annual climber we possess, growing 30 to 50 feet high; the seeds germinate so readily that they can be grown in the garden any place where the plants are needed. Furnish support early, either cord, wire or brush. (See cut. page 68)

Variegated Leaf Morning Glory—\(\sum_{larmorata.\)}^{Ipomoea}\) Foliage beautifully striped and variegated; flowers of various colors. 10

For Dwarf or Bedding Morning Glories see Convolvulus Minor.

MIMULUS-(Monkey Flower).

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet and pink; fine for greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early. The seed is very small and should be covered very slightly; one to one and a half feet.

ly; one to one and a mai icc.

TICRINIS—Fine mixed spotted varieties

MOSCHATUS (Musk Plant)—Fine for
hanging baskets, etc.; small yellow flow

this deliant lowes emit a pleas

ers. The thin delicate leaves emit a pleas aut musk odor.

CARDINALIS—Upright, showy and profuse bloomers for borders. Large searlet flow-

CUPREUS, PRINCE BISMARCK-Dwarf; purplish carmine flowers; excellent for pots and very effective for masses and 10

NICOTIANA.

A very pretty, large, flowering tobacco. An effective plant for groups; half-hardy annual. Affinis-Rosy blush; produces freely; sweet

scented, large flowers; 2 feet 10 Colossea-New giant; immense foliage ... 25

NIGELLA.

(Love in a Mist, or Devilin the Bush.) A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture in any garden soil; hardy

Damascena-Mixed, blue and white; one

NASTURTIUMS—(Tropæolums.)

Should not be plated in too rich soil. The dwarf varieties are among the most useful of annuals for bedding, massing, etc., owing to their compact growth, richness of color, and profusion of blooming. The tall sorts are advisable to the contract of the color of the their compact growth, richness of color, and profusion of blooming. The tall sorts are admirably adapted for rock work, covering trel lises, or rustic work. They remain in bloom a long time, and stand heat and drought without the slightest effect. The seed pods can be gathered while green and tender, for pickling. KINC THEODORE—Tall—Very fine; dark folinge and bright scarlet flowers. Oz., 25c. 5 TALL VARIETIES, MIXED—Containing many beautiful varieties; half-hardy annuals; 6 to 10 feet. Lb., \$1.25; ½ lb., 40c.; oz., 15c.

oz., 15e

Lobbs' Nasturtiums.

The brilliance and profusion of blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; half-hardy annuals; 6 to 10 feet.

SPITFIRE—Brightest searlet; very effective 5 CIANT OF BATTLES-Sulphur spotted red 5 KING OF THE BLACKS—Deepest brown MANY COLORS, Fine Mixed Varieties, oz., 15c

Tom Thumb or Dwarf Nasturtiums. Compact plants not over 1 foot high, making gorgeous masses of color.

AURORA—New. Deep chrome yellow, on spot, the lower petals blotched and veined with purplish carmine

EMPRESS OF INDIA-A splendid new dwarf, with very dark leaves and crimson flowers.

KING THEODORE-Bluish green foliage, flowers velvety crimson; a fine bedder...

KING OF TOM THUMBS -Intense scarlet flowers, dark foliage; very handsome.

LADYBIRD-A new and distinct sort; rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very

DWARF MIXED-Many kinds. Lb., \$1.50; ¹∳ lb., 50e.; oz., 15e. . .

NEMOPHILA (Love Grove).

This popular plant is to be found in almost every garden, and has a secure place in the heart of every lover of flowers. Of dwarf and spreading habit, it is well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted. They are quite apt to sport into an endless variety of shades. Hardy annual; six inches high,

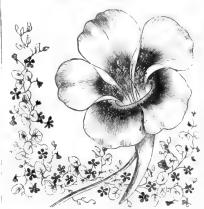
FINE MIXED—All colors. Oz., 30c.....

Dublin, Pa. (March 29, 1892),-" Your seeds and plants received in good condition in less than a week's time. Please accept thanks for extras and promptness in sending them so soon."—C. F. M.

Winkle, O. (April 18, 1892).- " Was much pleased on receiving my seeds so soon after sending. Thanks for the extras. You could a not have made a selection of flower seeds that would have pleased me better."
PAUL G. COFFMAN



MUSA INSETE.



TALL NASTURTIUM.



MIMULUS.



NEMOPHILA.

MIRABILIS-(See Four O'Clock MOURNING BRIDE-(See Scabiosa).

PERILLA.

Perilla Nankinensis is a very fine and dark ornamental-leaved annual. It has a broad, serrated leaf of a purplish mulberry color, and eighteen inches or more in height. Very de-sirable for center of bed of ornamental-leaved plants, and also for a low screen or hedge





Seed saved from flowers of perfect form, rich colors and first-class in all points, Universally admired and SURE TO PLEASE all lovers of choice, large and fancy Pansies. Three pkts, for 60c Pkt

CIANT TRIMARDEAU- Flowers of enor An altogether distinct beautiful new race, the flowers of which are larger than any hitherto produced Each flower is marked with three large blotches of spots, and the plants are of compact growth and produce an endless variety of beautiful shades. Mixed.

Ciant Trimardeau Yellow-Large black e, one of the finest and showiest

Ciant Trimardeau White-A most valu ble addition to this family very beautiful, white with a purple eye 15

Ciant Striped -Flowers of enormous size, beautifully striped

CASSIER'S VERY LARGE-FLOWER-BLOTCHED - Seeds saved from large and beautifully blotched per rect flowers; a rich and showy strain.

ing well above the foliage, large flowers, which are at the same time of fine form and substance; very brilliant and varied Mixed..... in coloring.

NON PLUS ULTRA—A very choice mix ture of finest varieties. The finest mix ture of finest varieties. The finest mix ture ever sent out by a noted German p nsy specialist.....

PEACOCK (New)—A striking novelty, the form and substance of the flower is very perfect, the upper petals being of a beau tiful ultramarine blue, resembling shade the peacock feather, while tatteral and lower petals are of a delower petals are of a deep claret, with white margins.....

ODIER (Five - Blotched) - A beautiful, strain of various colored, large, handsome, perfect formed flowers, dark spots

EMPEROR WILLIAM -- Large, handsome flowers, borne in great profusion, Well above the foliage, brilliant ultramarine blue, with a purple violet eye...

BLACK BLUE-Very rich and constant

LORD BEACONSFIELD-A highly attractive and large flowering variety; deep violet, shading to heliotrope, lavender and white

These charming

the prettiest and most peculiar; the flowers are of a reddish steel blue, with red and

BELCIAN STRIPED-A lovely class, bearing beautiful flowers of various shades...

ENCLISH "FACE" PANSY-Flowers light and dark blue in color, each marked with a distinct "face".

AZURE BLUE—Extra fine...... LICHT BLUE-Lovely shades of sky blue... YELLOW CEM-Without eye; very fine. DARK PURPLE-Rich deep purple; fine. MAHOCANY COLORED—A very fine variety SNOW QUEEN (Snowflake,-Very large;

KING OF THE BLACKS (Faust)-Almost black, the darkest Pansy known

SILVER-EDGED-Dark purple with a distinct white edging, a most charming pansy.....

I TERNATIONAL MIXTURE—A favorite tixture with many growers... LARCE FLOWERING, Very Fine Mixed

Embracing many separate colors and choice kinds. Four pkts, for 30c. COOD QUALITY MIXED-Four pkts., 15c.

e offer purchasers choice of one or more kinds from the following collections Five 5c. pkts., 20c.; three 10c. pkts., Thirteen Packets of the brightest Pansies, our se-SPECIAL PANSY OFFERS. 25c.; seven 10c. pkts. 50c.; five 15c pkts. 60c.; three 20c. pkts., 50c lection of varieties, v. II be mailed for only \$1.00.



satiny white

PORTULACA—ROSE MOSS—Should be in every garden. There is searcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many bued, high autumn. Plant in open ground after it has become warm. They delight in a light, sandy soil, and in a dry situation. After they appear, withhold water, and if the bed has a full exposure to the sun, the ground will be covered with the plants, and the effect will be beautiful. Tender annual: nine inches high.

posure to the sun, the ground will be covered with the plants, and the effect will be beautiful. Tender annual; nine inches high.

The blossoms of the bouble varieties are about one and a half inches across, perfectly double, and of many colors. Not all the plants will be double, but the single ones can be pulled out. They will stand any amount of dry weather.

DOUBLE ROSE-FLOWERED-As double as the most perfect rose, also striped. MIXED

FINEST SINCLE MIXED-Many beautiful sorts. Four packets, 15c COLORS of first quality. Three packets, 25c

PRIMULA—(Chinese Primrose).

Charming, profuse blooming plants, in-dispensable for winter and spring decoration in the house. Seed should be sown in February or March in a light, sandy soil, but slightly covered, and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow. Our seed is imported direct from the best European growers.

SINGLE FRINCED WHITE - Large flowering; an excellent strain ...

BRIGHT RED - Single large flowering; fringed. A very effective new color ...

LARCE SINCLE FLOWERING FRINCED-This is a superb mixture and will give the greatest satisfaction, 25

DOUBLE MIXED-Very fine. Flowers extra fringed

DOUBLE WHITE FRINCED-Extra choice

OBCONICA—A lovely and profuse blooming Primrose, bearing on long stems, heads containing 10 to 15 beausteam, heads containing to to accurate tiful flowers. White shaded, occasionally with a tinge of lilae; an EVER-ELOOMING plant, producing elegant clusters of flowers which have the true Primrose fragrance.

FLORIBUNDA-One of the prettiest and best blooming of all the Primroses; is readily raised from seed, and is one of the Obconica type, differing in color of the flower, which is a lovely shade of primrose yellow. Very fragrant and free blooming; will thrive under window cultivation

HARDY PRIMROSE.

Beautiful early spring flowers, fine for borders, rock-work, etc.

VULCARIS-The old fashioned common yellow Primrose

AURICULA—Extra choice mixed 15 JAPONICA (Japanese Primrose)— One of the most beautiful. Bright, showy flowers, borne on stems 6 to 9 inches high. Seed is usually slow to germinate. Mixed colors

CASHMERIANA-The earliest perennial Primula; quite hardy, but needs protection in winter; umbels of beau-tiful rosy lilac flowers, with yelloweye. 25

PENTSTEMON.

Few surpass this popular and one of our most beautiful and attractive hardy plants. Bears long, graceful spikes of rich-colored flowers; will bloom in June the first season frowers, with problem in the one has scales if sown early in March and planted out in May; indispensable for beds, borders and cut flowers. They should be planted in a rich open soil, and protected during wincut flowers. ter. Half-hardy perennials; two feet.

LARCE FLOWERING-A splendid

PICOTEE (See Carnation). PINKS (See Dianthus).

ROCKET Hesperis.)

The Sweet Rocket produces clusters of flowers which are very (ragrant during the evening. Seels readily germinate in the open ground, with very little care. Hardy perennial; 1½ (seet high.

PURPLE

WHITE

RICINUS (Castor Oil Bean.)

Stately strong growing plants, with ver ornamental foliage, particularly adapted as center plants of groups of Cannas, Japanese Maize, Caladiums, Dahlias, etc. Of very quick growth in rich soil.

Cambogersis-New-Large palm-like leaves of a bronzy-red maroon; stalk and stems nearly black. 6 to 8 feet.... Borboniensis Arboreus-Showy foli-

ge: 15 feet ... Sanguineus - Splendid red fruit in

clusters; blood red stalks..... Ciganteus-Leaves of immense size, richly veined and marbled; 10 feet ...

MIXED-Many good sorts. Oz., 20e

PETUNIA.

Petunias are unsurpassed, if indeed equalled for massing in beds. Their richness of color, duration of bloom and easy culture, will al-Their richness of color, ways render them welcome and popular. They will do well sown in open border in the spring, or earlier in cold frame or hot-bed, and transplanted eighteen inches apart. the latter process they will come into bloom much carlier, though they will do perfectly well sown in open ground. Be careful not to cover the small seeds to deeply; they like a sandy loam. Hardy annual.

SINGLE VARIETIES, SUITABLE FOR BEDDING.

DWARF INIMITABLE-A dwarf variety forming a compact little plant, 5 to 8 inches in height by as much in diameter, covered with regularly striped flowers COUNTESS OF ELESMERE—Deep rose,

white throat.

white throat

BLOTCHED AND STRIPED. 5

EXTRA FINE MIXED—A great variety of
colors and many kinds, including some
choice large flowering sorts. 10 FINE MIXIURE.

LARGE FLOWERING -- FANCY HYBRIDS. THREED WE OFFER ISTHE BEST TO BE OBTAINED SINGLE FRINCED LARGE FLOWER-

INC-Extra fine mixed; beautiful; very DOUBLE FRINCED LARGE FLOWER-

ING—Very choice fringed.

DOUBLE LARCE FLOWERING — All Sorts—A superb mixture...... PYRETHRUM—(Feverfew)

VELLOW FOLIAGE SORTS FOR BEDDING. Dwarf growing plants, extensively used for ribbon and carpet bedding; the plants grow about 10 to 12 inches high, with foliage of bright yellow. These are usually grown as

annuals, although they are percunials.

AUREUM (Colden Feather)—Foliage deeply cut and fringed; a rich goldenyellow color. Four inches. ½ oz.: 25c.

g o l d e n-yellow SELACINOIDES Fern-Like)-Distinct; hand-some golden fo-liage. 6 inches... 10

HARDY, FLOWER-FLOWER-

Valuable hardy border plants, throwing up numerous stems about two feet high. each surmounted with large flowers 3 or 4 inches across, of bright colors, such as rose, flesh, pink, crimson.etc. They remain in bloom a long time. Single Large Flow

ering Hybrids
—Mixed 10
Double L'ge Flowering Hybrids
—Mixed 25 Roseum (Persian Inect Powder

Plant)-Rose col-1 foot Cinerariæfolium -(Dalmatian Inect Powder

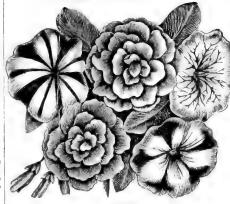
PASSION FLOWER.

A most interesting and well-known or of climbers rapid growth, with singular purplish flowers, two inches diameter: well adapted to house cul-

ture in winter, or for training over porches, etc., or in sunny positions in the open ground in summer CŒRULEA -(Southern "May Pops," "Man moth Passion Flower")-This singular and beautiful

climber will flower the first season from seed if started early, and it is a remarkably pretty vine The flowers, three to four inches across, are of a flesh white with purple rays; these are followed by beautiful golden edible fruits the size of a hen's egg, of a delightful flavor, and relished by many. The roots are hardy, although the vine dies down in the winter, but comes up again in the spring. The plants can be potted for winter decoration.

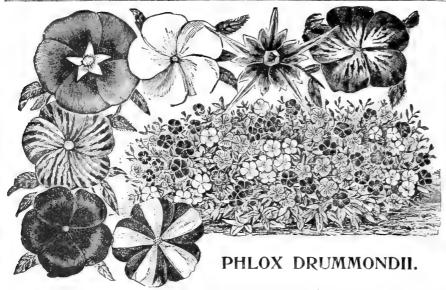
PASSION FLOWER ROOTS—In order to have EXRLY flowers the first season. It is best to pro-cure roots. G od Roots (postpaid), 15 ets.; 2 for 25 ets.





PRIMULA.







NEW DOUBLE YELLOW PHLOX.

HE Phlox Drummondii for splendid mass of colors and a constant display, is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from the purpost white to the deepest blood purple or crimson. Seed may be sown in the open ground in May, or in hot-bed or cold frame earlier; and in either case, from June, during the summer and autumn, they make a most brilliant bed of showy, yet delicate flowers, blooming cartinuctly until front. A read without hed of the Physics may deep continually until frost. A good ribbon bed of the Phlox is a most daz-zling sight, and there is nothing so cheap. In a good rich soil it will grow 18 inches or more in height. Set the plants about one foot apart: asily transplanted.

WILLIAM I.—Crimson striped. Pkt., 5c. BRILLIANT SCARLET 5

about 1½ feet in height, of compact habit, and bears large umbels of flowers. They are as easily grown as the common Phlox and flower just as profusely during the entire summer. Extra Fine Mixed Seed, comprising many varieties of this odd and beautiful strain. Three packets, 25c.

PHLOX NANA COMPACTA—New Dwarf Sorts—A quite distinct strain of dwarf and compact growth; very desirable for pot culture and ribbon bedding. 9 inches. Choice Mixture, 3 pkts., 25c... 10

PHLOX. NEW DOUBLE YELLOW OF THE YELLOW Several semi-double flowering Phloxes have been introduced, the value of which as cut the semi-double flowering them. flowers will have been recognized by those who have tried them. The very pretty yellow flowering variety which we now offer comes quite true from seed, and possesses a slight perfume.

NEW DOUBLE WHITE—Produces charming double white flowers,

60 to 70 per cent, being perfectly double in perfect form and large masses. More Note. — In order to produce the best double flowers they should be grown in a light soil.

PHLOX GRANDIFLORA-LARGE FLOWERING.

We have a splendid strain of this great favorite. Our mixtures conin a large variety of the finest and most brilliant colors. CRANDIFLORA COCCINEA STRIATA—Scarlet; striped; fine... 10
CRANDIFLORA ALBA—Pure white; beautiful; "A 1" 10
VIVID CRIMSON—Large flowering. 10 CRANDIFLORA, OUR OWN MIXTURE-All choice colors...... 10 PERENNIAL PHLOX.

Select any Three 10 cent pkts. of Phiox for 25c., or Seven pkts. for 50c.

(two five cent packets count the same as one ten cent.)

THE SHIRLEY POPPY.

open ground and a mass of beauty will result

fine strain of remarkable beauty MIKADO (Double Striped Japan,—Petals are whole at base, while the edges are frilled in a pleasing manner. Flowers are pure white at the back, while the fringed edges are of brilliant scarlet...... at the back, while the fringed edges are of brilliant searlet....

DOUBLE JAPANESE POMPON—Flowers are small, but very double and very numerous; many lovely shades.

MURSELLI-Double, red, white, 5c. NEPHISTO-Searlet, black spots PAVONINUM—New; searlet, cherry red at base, with jet-black zone DOUBLE CARNATION, Mixed—Londazzling richness and variety of colors, the flowers are unequaled. Simply seafter the seed in the open ground and a mass of beauty will result.

🛰 LIVINGSTON'S POPPIES. 🗪

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large bods, clumps, and mixed borders. They are of easy culture, and will succeed in any garden soil, flowering in great profusion all summer if sown early in the spring. The seed should be sown where it is to remain, as they do not bear transplanting. feet. Hardy annual.

NEW TULIP POPPIES.— A magnificent species from Armenia. The plants 60 large and splendid flowers of the most dazzling searlet imaginable. The two outer petals resemble a saucer in which are set two erect petals of the same color. No mere description will give an adequate idea of the strikingly beautiful effect of a bed when the relative are in full bloom the geler being of such distinct states.

FAIRY BLUSH.—Its immense globular flowers of this distinct Poppy are perfectthe petals are elegantly fringed and pure white, except at the tips, where they are distinctly colored with rosy cream; a light shading of lemon at the base of the central petal give the flowers an appearance of great depth. The flowers at a little distance have the effect of large white, feathery balls, overcast with a rosy shade, while a close examination only discloses additional beauties .

SHIRLEY POPPIES.—A new strain of marvelous beauty. The colors range brilliant crimson. Many of the flowers are edged with white and the petals have a glosy silk-like texture. SNOWDRIFT—Pure snow-white, extremely double flowers of perfect form; large size 10

NUDICAULE-Yellow; white and bright orange mixed, very beautiful and effective.

ORIENTALE-Large, gorgeous, scarlet blossoms; bottom of petals black; beautiful; one of the showiest of hardy perennial Poppies. OUR MIXTURE-This mixture is composed of many excellent sorts and colors, and will surely please.....

Any six 5 cent or three 10 cent pkts. of Poppies for 25 cents.

Mr. Bradford, of this city, had specimen flowers of the Orientale's (Poppy the past season measuring 8 and 9 inches across,

🧽 Try a packet of SHIRLEY, FAIRY DLUSH, THEP and SHOLD DLT HOLD clau and you will be delighted with the result.

RODANTHE.

..... 10 MACULATA—Rosy crimson, yellow center. 5
NEW DOUBLE—Bright rose; splendid. 10
DOUBLE WHITE—Fine. 10 MANY COLORS MIXED-Large Pkt., 10c......

SALPIGLOSSIS.

VELVET FLOWER OR POINTED TUBE TONGUE. -Showy bedding or border plants, with richly colored, erect funnel-shaped flowers. The colors beautifully marbled and penciled purple, searlet, crimson, yellow, blue and black. Plant in warm, rich soil. A very fine annual. CRANDIFLORA—New large flowering. Mixed... 5 Choice Mixed Colors.

SALVIA—(Flowering Sage.)

The Salvia is a very ornamental plant, flowering in spikes, and continues to bloom in open ground until frost, when plants can be removed to the greenhouse and will continue to bloom a long time. Plants may be started in a hot-bed, and transplanted to light, rich soil, about one foot apart. Tender annual.

be started in a hot-bed, and transplanted to light, rich soil, about one foot apart. Tender annual. PATENS—Brightest and bluest of all blue flowers. 20 ARCENTEA—Silvery-white foliage; white flowers 10 SPLENDENS—Gorgeous plants, with spikes of intensely vivid scariet flowers; flower spikes are numerous and 10 to 12 inches in length. Continue to flower profusely all summer, and until killed by late frosts. Of the easiest growth, and should be in every garden. ½ oz., 50c.; 3 pkts. 25. 10

SAPONARIA —(Bouncing Bet.)

Beautiful compact-growing plants with masses of miniature cross-shaped flowers, blooming throughout summer and late in the autumn; annual. MIXED-All colors; six inches ..

SENSITIVE PLANT.

A curious and pretty annual plant; the leaves and foot stalks close and droop at the slightest touch. or in cloudy, damp weather, and during night easily grown; seed may be started under glass and transplanted to open ground when the weather is warm. A plant or two reserved for the house will afford much amusement during the winter.

SILENE-(Catch Fly.)

A beautiful, early, free-blooming plant, adapted for beds, borders or ribbou-gardening; of easy culture; growing in any garden soil; 1 foot.

American Mixed—Red, white and rose... Oz., 30 5 Pendula—Red. Pkt., 5c. Pendula Alba—White 5 Pendula Flore Pleno—Producing in profusion charming double rose.colored flowers...

SMILAX.

Charming tender perennial climber for greenhouse or window gardens; it forms "strings" about six feet long, which are extensively used for decorating, and is grown in immense quantities by American florists. The foliage and stems are of a pleasing light green, very graceful and delicate and remains fresh after being cut for several days.

SCHIZANTHUS-(Butterfly Flower.)

Beautiful plants for out-door decoration. Easily cultivated; of bright colors and useful for bouquets. Half-hardy annuals, 2 to 3 feet high, and bears hundreds of flowers. Best Varieties, Mixed 5

SEDUM - (Stone Crop.)

A very interesting and pretty little dwarf annual, growing freely on rock or rustic work, where, during the summer, it expands its beautiful star-shaped flowers in great profusion. Desirable for hanging baskets. Coruleum-Blue

SOLANUM.

A shrub with fine foliage, but especially admired for its small pepper-shaped scarlet fruit.

Capsicastrum—(Jerusalem Cherry)... Henderson!—Orange-scarlet berries, excellent or-namental pot plant... Wetherill's Hybrids—Very choice.... 10

SWEET WILLIAM—(Dianthus Barbatus.)

A very beautiful class of plants of extreme richness and diversity of color. They have been greatly improved of late years; 1½ feet; hardy perennials. Fine Mixed Single—All colors 500ble Flowering—Mixed; splendid collection 10

SENECIO—(See Japonica.)



RODANTHE.





SCABIOSA—(MOURNING BRIDE.) — Very useful and beautifully colored flowers; effective for beds or borders; excellent for cutting. This old and well-known annual is not as generally cultivated as it deserves.

NEW DOUBLE COLDEN YELLOW—See Novelties.
TALL CERMAN, mixed—All colors; 2 feet......
DWARF DOUBLE, Mixed—Compact habit, profusely bearing extremely double flowers of great

SNOWBALL-Elegant double white flowers; charming for bouquets; I foot ...

SUNFLOWER (See Helianthus.) STOCKS GERMAN TEN WEEKS - (GILLYFLOWER)-

STOCKS—Stocks have for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. In brilliancy of color and general effect they are unsurpassed. Equally fine for bedding, borders, massing or for pot culture. The Ten Weeks Stocks will bloom about ten or twelve weeks after being sown. For early flowering sow in the house in February or March, and plant in the open ground in May. A little shade from the hotest sun, and water in the evening, will add much to the size, beauty and durability of flowers. We import our seed direct from one of the best growers in Germany.

NEW WHITE MAMMOTH—A grand novelty of high merit. The plant is of robust growth; grows three feet in open ground, and produces only a single strong spike about one foot in length, closely covered with enormous large faultlessly shaped flowers of purest white. luxurious growth and the large white flow

ers make it particularly valuable for groups. 25 Largest-Flowering Dwarf — Magnificent spikes of very large double flowers; all col-Mixed

Dwarf Cerman Ten Weeks-Large flowfine mixed ering: Large-Flowering Pyramidal Dwarf-Pyr-

ramidal habit; long spikes of large double flowers; many choice colors mixed

Large-Flowering Wallflower Leaved—Smooth, dark, shining leaves like the Wallflower; dwarf_habit, Mixed colors..... SNOWFLAKE, Dwarf Forcing Ten Weeks

—This new variety of Dwarf Wallflower-leaved Large Flowering Stock is the earliest white and one of the earliest of all Ten-Weeks Stocks, and admirably adapted for forcing the snow-white flowers are uncommonly large and very double

Victoria Bouquet, Dark Blood Red-Very

Ciant Perfection-This sort produces plants 21, feet high, with long flower spikes of ex-tra double handsome flowers; very effective in beds and borders. Choicest mixed..... 10

Snow White, Shining, Large Flowered -Splendid. Earliest variety, of dwarf, compact habit; very double pure white flowers.......

PRINCESS ALICE -(Cut and Come Again)—A fine perpetual blooming Stock. rearly, it commences blooming in June and continues to bloom until destroyed by frost. Its most valuable feature is that it produces perfect flowers during september and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant flowers, Two feet high and is excellent for cutting.

Intermediate or Autumnal-These are prized on account of their flowering late in

autumn or early in spring. Seeds should be sown in July. Finest Mixed......

Emperor, or Brompton—These make very bushy and branching plants, with an abundance of large flowers. Sow in July or August. Will last several years when protected. Mixed Colors—A fine mixture.

STEVIA.

Very pretty perennials, which furnish excellent material for bouquets; eighteen in ches; bloom from seed the first year.

SWEET SULTAN—(Centaurea Moschata.)



SWEET WILLIAM.



SENSITIVE PLANT.



CKford's Gilt Edge Mixture—Possesses the same delicious perfume as the ordinary varieties, but the flowers are double the size; more perfect in Eckford's Fine Mixed—Four oz., 30c.; oz., 10c.

UR OWN MIXTURE—None surpass this make up from finest new sorts. Postpaid: Lb., \$1.25; 1/4 lb., 35c.; 2 ozs., 20; 1 oz., 15c.

FINE MIXED—ALL SORTS AND COLORS (postpaid): Lb., \$1.00; 1/4 lb., 30c; oz., 10c.

ERENNIAL, OF EVERLASTING PEAS—Perennial climbers, suitable for trellises, arbors, etc. They die down every year and start again in PLENDENS (Pride of California)—Brilliant, rosy red.

Any seven 5 cent packets for 25 cents; or three 10 cent and one 5 cent.

BOYS AND GIRLS. Money in Growing Sweet Peas. The Cut Bloom "SELLS LIKE HOT CAKES." Try It.

HUNBERGIA—(Black-Eyed Susan).

DRENIA.—Beautiful plants for vases, baskets, etc.; they bloom continually during e summer in open ground, and also in the inter in the green-house.

ALERIANA — (Hardy Heliotrope). Showy border plants, or for mixing with shrub.

Ty: grows in any garden soil: does well in the ade: produces large crops of flowers. Hardy remnal; 2 ft. MIXED-Bright red and white 5

VINCA -- (Periwinkle).

VINCA—(Periwinkle).

Free-flowering greenhouse perennials with ssy green foliage and beautiful circular flowers with early under glass and transplanted in a near situation, will bloom in the summer; may potted for the house before frost. 1½ feet.

OSE-(Timson eye, 10; WHITE-Crimson eye, 10

AURICULA -FLOWERED — Splendid large flowers, bright colors with large white eye



VERBENA.

No plant is more generally cultivated than the Verbena and no plant excels it for masses in beds Verbena and no plant excels it for masses in beds on the lawn. Seedlings are stronger and more vigorous than plants from cuttings, and are usually fragrant, especially the light colors. The seeds sprout very unevenly, some not coming up for six weeks after others. They flower perfectly well from seed sown in spring. If started in the house in pots or shallow boxes in winter, they will bloom sooner. Transplant as soon as plants over the single well for the first each way.

SCARLET DEFIANCE-Bright, rich searlet. 10

VENOSA-Produces many lilac flowers well adapted for bedding.

LEMON VERBENA (Citriodora) - Sweet

scented foliage: very popular

NEW MAMMOTH — Large Flowered—A
superb and distinct class, with flowers of an
immense size. Our seed is saved from the

blue, with white EYE—Large, black-blue, with white eye; very showy. ITALIAN STRIPED—Very showy striped flowers of many bright colors... LUTEA (Primrose)—Straw yellow... COLDEN-LEAVED—Leaves of a clear yellow shader thowers searled

shade: flowers searlet. 20

HYBRIDA—Choicest mixed—Saved only from the most beautiful named flowers: give the highest satisfaction 15

FINE, mixed, pkt., 10c. GOOD, mixed 5

NEW DWARF VERBENAS __Of erect, dwarf and compact forming neat globular pyramids only about six inches high, well adapted for carpet bedding and pot culture; a decided improvement on the older varieties with trailing habit.

EXTRA MIXED—Very dwarf, many colors... 10

TROPOEOLUM (See Nasturtium)







VIOLET.

The Violet should not be wanting in any garden, The violet should not be winning in any salest on account of its fragrance and early appearance. A single flower will perfume a whole room. They are well adapted for border or rock work, and commence putting forth their beautiful double and single them. gle blossoms in April, and continue through May. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Seeds require Hardy perennial; 4 inches

months to germinate. Hardy perennial; 4 inche
BLUE SWEET VIOLET
THE CZAR—The largest flowering and richest
colored deep blue Sweet Violet in cultivation.
Splendid for forcing.

WHITLAVIA.

The Whitlavia is a good plant for baskets, vases or pots. A pretty plant with delicate, handsome foliage, producing a constant succession of bright blue and pure white bell-shaped flowers in drooping clusters half an inch in length. Succeeds best in light, sundy soil. Sow seed in open border early in spring. Hardy annual; one foot high. Mixed.... 5

WALL FLOWER.

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protect-

YUCCA. Erect and noble plants, with long, narrow, sharppointed leaves, with a peculiar tropical aspect. Filamentosa—Is the hardiest, and will endure the winter in most parts of the country. Sends up a strong flower stem in the middle of sum-mer, bearing a large spike of whitish flowers.

XERANTHEMUM.

EVERLASTING FLOWERS-Very desirable for winter

Superbissima, Mixed—New variety of dwarfer habit and very double flowers of various colors. One and one-half feet

WILD FLOWER GARDEN —Each packet contains a great variety of pretty flowers of easy growth. The mixture will be found to be both interesting easy growth. The mixture will be found to be both interesting and useful. Interesting because new flowers open daily, "and you know not what a day may bring forth." It will be found very useful, for here you may get your bouquets without fear or favor, whenever you choose, and thereby save those in beds or borders, also especially adapted for producing a display on large borders, or sowing along woodland walks, for hiding an unsightly fence or stump, etc., and will convert any Ireary spot into a wilderness of bloom and fragrance.

Pkt., 10c.; oz., 25c.; 3, 1b., 75c.; 1b., \$2.50.

ORNAMENTAL GRASSES—Very beautiful, and extensively used in the arrangement of winter bouquets and in other home decorations, should be cut while fresh and green, and hung in a dry and airy place in the shade. All best varieties, mixed, including Pampas, Feather, etc. Pkt., 10c; 3 pkts., 25c.

ZINNIA.

One of the most brilliant annuals, and a general favorite; its splendid double flowers rivaling in beauty, size and form moderate sized Dahlias.

DOUBLE SNOWBALL-Double, pure white

dwarf and compact.

DWARF FIREBALL—Double fiery-scarlet.

COLDEN YELLOW—Flowers large, of perfect shape and of a clear golden-yellow.

CARNATION STRIPED ZEBRA-Perfect form, beautifully imbricated, double; finely striped CIANT FLOWERING Grows a handsome bush, three feet in height, and the mammoth, perfect ly formed double flowers, 5 to 6 inches across, of most intense and brilliant colors, Mixed, OUBLE MEXICAN (Haageana)—Of decided

DOUBLE merit; of candelabra form, close and vigorous in habit, nearly covered with pretty golden yel

in habit, hearly covered with pretty golden yellow double flowers. Try Tins.

DOUBLE LILIPUT—Dwarf, compact bush covered with flowers of fine form, smaller than those of the ordinary Zinnia; flowers borne on long stiff stems; valuable for bouquets.

DOUBLE LARCE-FLOWERING—Mixture of

DOUBLE POMPON (Darwini) - Charming, small very double flowers, excellent for

DOUBLE DWARF MIXED—Compact bushes, 12 inches high, 14 inches in diameter

SIX 5-CENT OR THREE 10-CENT PACKETS FOR 20 CTS.



SPECIAL MIXTURE OF FLOWER SEEDS. Much pleasure is watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seeds and can not fail to give satisfaction. The packets are liberal in size, and in no watening the growth of a furteet bed of nowers. The intritures are made from choice fresh seeds and can not fail to give satisfaction. The packets are liberal in size, and in no other way can so many seeds be obtained for so little money.

Mixed Everlastings—A great variety of attractive Everlastings. Large pkts. 3 for 25c. 10 Flowers for Bouquets—This mixture contains seeds producing flowers suitable for

cutting for vases and houquets, nearly all having long stems, and will furnish a constant supply of cut flowers throughout the whole season......

Low-Crowing Mixture—Contains seeds of a great variety of low growing plants, few of which exceed six inches in height, and which sown in beds or borders, present a beautiful appearance in their wide range of colorings and forms.

Tall-Crowing Mixture-Embraces seed of many handsome tall growing annuals Foliage Plant Mixture—Made up entirely of plants which are grown exclusively for their beautiful variegated, silver, golden and bronze foliage...

Their beautiful variegated, silver, golden and broize forlage.

Fragrant Annuals—A mixture made from seeds of fragant flowers, giving rich perfume throughout the day and evening; some are suitable for cutting.

Mixture of Climbers—A packet of seeds containing over twenty beautiful annual

climbers, useful for covering out-houses, trellises, etc . . .



50 Cts.—A SUPERB FLOWER SEED COLLECTION—50 Cts. | 60 Cts.—TRIAL BOX OF FLOWER SEEDS.—60 Cts.

85c. worth for 50c. consisting of one Packet each, as follows Sweet Peas Verbena Hybrida Sweet Mignonette Verbena Hybrida IS Sweet Mignone Phlox Drummondi Superb Asters Fancy Pansies 25 Shirley Poppy 10

Each Variety is a Choice Mixture of the Best Colors of all the New and Rare Kinds, and are Prepaid by Mail for 50c. ALL LOVERS OF FLOWERS SHOULD TRY THIS COLLECTION

20 CHOICE VARIETIES. Free by Mail for SIXTY CENTS.

This Box contains TWENTY FULL-SIZED PACKETS of the most popular and beautiful Annual Flowers, including the Best Strains of Asters, Pansies, Phlox, Zinnias, Pinks, etc. Also Fragrant and Other Flowers for bourquets. The assortment affords a great variety at a very low price, and ncludes a careful selection of choice and popular kinds



VINE OF APIOS TUBEROSA.

APIOS TUBEROSA.

A hardy, tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of deep purple foliage, and having clusters of deep purple flowers, which have a strong violet fragrance. Plant the bulbs near a trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and need not be taken up over winter. A vine so sure to grow and give satisfaction should be in every garden. Each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00. 50c.; 15 for \$1.00.

BIGNONIA RADICANS.

(Trumpet Flower.)

Rapid growing climber. Large, scarlet, trumpet-shaped flowers. Each, 25c.

CYCLAMEN.

This well-known plant is only adapted for This well-known plant is only adapted for house culture in our climate, but for winter flowering it has but few superiors. Plant in rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house plants. The pretty variegated foliage and bright flowers, together with its long blooming season, render it a favorite wherever grown. Each, 20c.

BEGONIAS—Tuberous Rooted.

One of the handsomest of our summer flowering bulbs. Their colors are rich and varied, ranging from delicate yellow and salmon to the most striking crimson. A constant bloomer, commencing to flower early and continuing in full bloom until frost. flowering bulbs.

best if planted in partial shade in a soil composed of leaf mold, sand and a small portion of well rotted cow manure. They also make splendid specimen plants when grown in pots. When through flowering they should be dried off, shaken free from earth, packed in charcoal dust or dry leaf mold and kept in a dry room until February or March, when they may be started again. BULBS, Single—Very finest varieties, White, Scarlet, Pink and Yellow. Each, 25c.; dozen, Single—Very finest varieties, White, Scarlet, Pink and Yellow.

Single Flowered—Finest mixed, each, 15c.; dozen, \$1.50. Double Flowered—Deep red, each, 35c.; 3 for \$1.00. Double Flowered—Finest mixed, each, 40c.; dozen, \$4.50.

GLOXINIAS.

One of the choicest bulbs for pot culture: flowers trumpet-shaped, with the most beautiful tints and markings, shaded and spotted with violet, rose, blue or crimson. Plant in light soil and keep in a warm place. Fine bulbs. Each, 25c.; dozen, \$2.50.

HONEYSUCKLES.

CHINESE TWINING—Blooms at intervals through the summer and retains its foliage late in the winter; flowers nearly white; quite distinct. Each, 15c.

HALLEANA—Color white, changing to yellow; very fragrant; blooms from June to Nov. 15c.

MONTHLY FRACRANT—Fine, rapid-growing variety; flowers large and very fragrant; color red and yellow; a constant bloomer. Each, 15c.

SCARLET TRUMPET—A strong, rapid grower; blooms very freely the entire season; bright red trumpet-shaped flowers. 15c.

MOON FLOWER. A rapid growing vine, which will easily cover a surface of 25x40 feet during the season. At night and during dark days plants are covered with an abundance of large, pure white fragrant flowers, 3 to 4 inches in diameter. One of the most showy of the annual climbers. Fine plants ready May 10. Each, 25c.; doz., \$2.50. One of the

SPIDER LILY, (Pancratium Caribbaeum)—This pretty Amaryllis-like flower is of easy culture, Plant in good rich soil in pots, or in summer in the open ground; when through blooming, pot them and withhold water until next season 20c; 6 fors

SUMMER FLOWERING BULBS.

The Summer-flowering Bulbs for spring planting are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers.

at the prices here given we send by mail, postpaid, to your postoffice except as noted; unless specially ordered otherwise. When Butbs, Roots and Plants are ordered by express at purchaser's expense we can usually send much larger stock and more safely packed. When Seeds and Butbs are ordered together, the seeds and butbs that are not injured by frost will be sent at once, and the tender butbs as soon as possible without danger of injury from cold

AMARYLLIS.

Lily-shaped flowers of great beauty, varying in color from white and rose to the deepest crimson. A vigorous grower. Blooms freely, often twice in a season. We offer none but the best varieties and at very reasonable prices.

ATAMASCO—Pretty, open, trumpet-shaped flowers, changing in color from rosy-pink to white a they even at the color flowers.

white as they expand. Rose or white. Each, 15c.; dozen, \$1.00.

FORMOSSISSIMA (Jacobean Lily)—Flowers of a deep velvety, crimson color, handsome and very striking. A great favorite. Each, 20c.; 6 for \$1.00.

JOHNSONII—One of the best sorts, strong growing and free blooming. Flowers large: crimson, striped with white. Bulbs strong. Most popular. Each, 75c.

TREATEA (Fairy Lilly of the South)—Fragrant, pure white flowers. Very pretty and of easy culture. Each, 10c.; dozen, \$1.00.

AMPELOPSIS.

VEITCHII Japan or Boston Ivy)—The finest climber we know for training over walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with overlapping leaves, which form a perfect mat of foliage. The color is a fresh, deep green in summer, and takes on, in the tall, the bright autumn colors. Leaves are heart-shaped and are ranged one above another as evenly as tiles on a roof. It likes a rich soil, is quite hardy, but requires a slight protection in winter in our climate. It becomes more popular every year. Strong plants, each, 20c.; 3 for 50c.; 7 for \$1.00. Large plants, 3 to 4 feet, cach, 35c.; 3 for \$1.00; 8 for \$2.00.

QUINQUEFOLIA (American Ivy, Virginia Creeper)—A perfectly hardy climber of rapid Fine for covering walls or unsightly objects. Each, 20c.; 3 for 50c.; 6 for \$1.00.

CINNAMON VINE.

This beautiful climber possesses the rare quality of emiting from its flowers the delightful odor of the cinnamon. It is perfectly hardy, the stem dying down every autumn, but growing up again so rapidly in the spring as to growing up again so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as cultivated as the Maderia Vine. Grows 15 to 20 feet in an almost incredibly short time; one of the most desirable climbers. The tubers are two feet long at two or three years of age; white as flour. Cood Roots—10c.; 3 for 25c.; 12 for \$1.

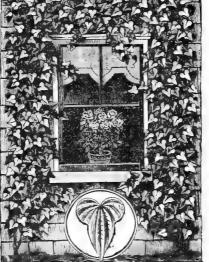
CALLA LILIES.

ETHIOPICA-A fine old well-known house plant, with large, beautiful, pure white flowers long, yellow spathe and broad, glossy green leaves. Of easy culture, requiring an aundance of water and moderate heat during the growing season. Repot in September in fresh soil. Each, 25c.; doz., \$2.25.

SPOTTED CALLA-Resemble White Calla, but is of a smaller habit. Leaves a glossy, deep green, with numerous white spots. Ornamental at all times, even when not in bloom. Each, 15c.; doz., \$1.50. Extra large, 25c.; doz., \$2.50.

DWARF CALLA, "LITTLE GEM."

It is indeed a 'pigmy," scarcely ever exceeding one foot in height, yet producing good sized flowers in great abundance. Bulls of 'Little Gem' exceedingly scarce. Each, 35c.





LITTLE GEW CALLA.

CANNAS

Very desirable as a center to groups of foliage plants, and also splendid for grouping alone. The leaves attain a length of two and three feet, and are of different shades of green and bronze. Flowers of similar size and form as Gladioli.

BRENNINGSI-Broad green foliage, ornamented with broad bands of yellow; constant varie-

ition. Each, 20c.

EHEMANNI—Distinct; large oval soft green leaves and immense carmine-red flowers, on long stems; each of the smaller branches bear about twelve flowers; height, 5 to 7 feet. Each, 2.c. NOUTONI—Very large flowers of a brilliant velvety scarlet, produced freely in large spikes and side sprays; robust grower, with remarkably handsome foliage; a brilliant variety, 20c.; 6 for \$1.

FLACCIDA (Butterfly Canna)—Of dwarf growth, 2 to 3 feet, with very large pure yellow flowers, light green foliage. Blooms a month earlier than most others; excellent for bedding. 00 Finest Mixed Varieties—Good roots, 20c.; doz., \$1.75; by express, not prepaid, 15c.; doz., \$1.50. Varieties quoted at 20c.; are 3 for 50c.; doz., \$1.75.

NEW DWARF FRENCH CANNAS.

The new varieties of Crozy's Dwarf Cannas are distinguished by the luxuriance and diversity of their foliage, but more particularly by the unusual size, profusion and brilliancy of the flowers. They are an indispensible adjunct to every well-ordered flower garden. Their charming colors and short, compact habit of growth will make them general favorites. Finest mixed, each, 40c.

MAD. CROZY-A grand variety, about 3 feet high, with flowers of unusually large size and fine rounded petals; color deepest vermilion distinctly gold bordered; the flower heads are double the size of a Gladiolus spike; the plant is always in bloom; in great demand for cut flower purpose. Very distinct and fine. Each, 50c.

STAR OF '91-Next to Mad. Crozy this was the sensation of last year in the way of new plants. The habit of the plant is very dwarf, about one foot less than Mad. Crozy, but with full fine foliage, each blossom is 4 to 5 inches wide, and each petal 1½ inches broad. Color of the flower is glowing orange scarlet. Their brilliancy is unsurpassed, and it never ceases growing and blooming. 35c.

PERFECTION—Foliage green; flowers golden yellow, spotted deep red; quite distinct from any of this type; 3 feet. Each, 40c.

PRESIDENT CLEVELAND-Of extremely dwarf growth, rarely exceeding 18 to 24 inches. Flower spikes very numerous, standing well above the foliage and support the largest salmon tinted flowers we have seen. Each, 40c.

FRANCOIS CROZY-Plant of vigorous growth, foliage green, spikes numerous, flowers great, petals large, roundish, color a beautiful vivid orange, edged with bright yellow. Each, 40c.

DAHLIAS-

The Daliah is one of the showiest of our autumn flowers. Commencing to flower in August, they are in a perfect blaze of bloom until stopped by frost in late autumn. The Cacrus Single and Ponron varieties are especially fine for eut flowers. We know of nothing more showy for table decoration than a loosely arranged bunch of long stemmed Cacrus or Single Dahlias. They delight in a deep, rich soil, should be planted three and one-half to four feet apart, and be tied to heavy stakes to prevent strong bask breakfage brushing them days. winds from breaking them down.

DOUBLE FLOWERING.

For exhibition purposes the varieties offered in this list are admirably adapted. They should be liberally supplied with water and manure and kept in a growing condition. Hercules-Yellow, striped and speckled with crimson.

Hoofmelster-Yellow, tipped

Guiding Star (PONPON)-Flower pure white, of the most perfect shape; the edge of the petals are beautifully fring-

ed. The plant is dwarf and bushy, and very fine flower-ing. One of the best for cut

Snowflake (PONPON)-Pure

Cactus Dahlias, Mixed.

Beauty-Pure white, fine large flower.
Miss Dodd-Lemon yellow,

fine form Clorle de Lyon-Large, pure

white. Fanny Purchase-Bright yellow, very free flowering,

Prince Bismark-Purple, fine and large.
Yellow Bird—Beautiful ca-

Dr. J. P. Kirtland-Dark red, very large, good form. Mrs. Wheeler—Bright red.

All the acove, each, 25c.; 5 for \$1.00; 12 for \$2.25.

Our selection of Unnamed Double Varieties, Red, Pink, Yellow Tipped, etc., 15c. each; \$1.50 dozen, by mail, prepaid.

flowers.

white.

SINGLE DAHLIAS have become exceedingly fashionable, owing to the value attached to the cut blooms; their airy, butterfly-like forms giving their flowers a grace never attained by the double sorts. Flowers range from three to five inches in diameter. Mixed colors. Each, 15c.; doz., \$1.50, (postpaid.)

CLEMATIS.

The justly proud queen of all climbers, with its large star-shaped flowers 4 to 7 inches in diameter, which are produced from June until October. Of rapid growth, it delights in rich soil and a sunny position. Perfectly hardy, and when well established is a most profuse bloomer.

JACKMANII—Dark purple. A very free bloomer, and the bestknown and most popular species of the Clematis. Hardy and healthy roots. Strong plants, 60c.: very strong plants, 75c. each.

LUCIE LEMOINE-Fine double white. Each, 75c.

MAD. VAN HOUTTE-Pure white. Extra fine. Each, 50c.

 $\begin{array}{c} \textbf{COCCINEA-New, distinct variety, with brilliant scarlet flowers,} \\ \textbf{small and thick; splendid acquisition.} \end{array}$

HENRY II-One of the best, of robust habit, free bloomer, large, finely formed, of a beautiful creamy white; perfectly hardy. Strong plants Each, 75c.; 3 for \$2.00.

CRISPA—Flower delicate shade of blue, small, very numerous; beautiful. Each, 25c,

FLAMMULA-Flowers small, white and very fragrant; ornamental foliage. Each, 20c.



MADERIA VINE.

Succeeds in almost any soil; of easy cultivation; most excellent for baskets, vases or trellises. Leaves dark green; bears a small white, fragrant flower. Each, 10e.; 3 for 15e.; dozen, 50e.

LILIES. The Lily is a favorite flower everywhere, a Queen of Flowers, and only the Rose can dispute its claim to queenly honors. Their culture is simple, and with a little care failure is impossible. The bulbs should be planted The Lily is a favorite flower everywhere, a Queen

in the autumn, if possible, from first of October, as long as the soil can in the autumn, if possible, from first of October, as long as the soil can be worked; if in spring as soon as the frost is out of the ground until first of May—the earlier the better. Seiect a well drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from 3 to 5 inches deep, according to size. During the winter cover the surface of the bed with a thin layer of manure, which will not only afford a protection to the bulbs, but will materially enrich the soil. In spring the manure may be removed or durin between the rows. Corn stoud the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Prices include postage.

AURATUM (The Gold Band Lily of Japan)—Large white flowers, each petal marked with wide gold band spotted with maroon. A free bloomer and considered by many the best of all. Fine bulbs, each, 30c.; 3 for 75c.; dozen, \$3.00. Extra large bulbs, each, 50c.; 3 for \$1.25; doz., \$5.00.

HARRISII, or Bermuda Easter—A profuse bloomer; flowers large white trumpet-shaped and very delicately fragrant; perfectly hardy; earliest of all; unexcelled for house culture. 20c.; 3 for 45c.; doz., \$1.25.

SPECIOSUM ALBUM-Pure white, fragrant. 35c.; 3, 90c.; doz. \$3.50. SPECIOSUM ALBUM PRAECOX—White, slightly rose-tinted: per feetly hardy. Each, 35c.; 3 for 90c.; dozen, \$3.50.

SPECIOSUM RUBRUM-Rose, spotted with crimson. Each, 20.

TIGRINUM fl-pl-Double Tiger Lily. Each, 15c.; 3 for 40c.; doz., \$1,5a

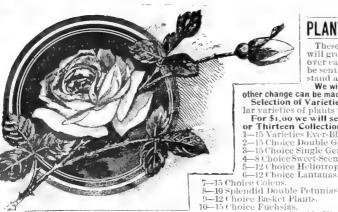
CLEMATIS JACKMANII.

WISTERIA.

Very popular, hardy, rap idly growing to a height of 50 feet or more. It flowers in early spring, and when in bloom is truly magni-

SINENSIS, Blue-Color soft lavender blue. Flow ers in masses like a bunch of grapes. Fragrant. 35c.

> SINFNSIS. White-Pure white color, making marked, striking and elegant constriking trast with the blue variety. Each, 35c.



PLANTS BY MAIL. S1 COLLECTIONS

will grow right along with ordinary care, and when danger of frost is over can be set out in the garden at once. They are put up so they can be sent by mail to the most remote part of the United States, and will stand a ten days' journey with perfect safety.

We will send Half of One Collection and Half of Another when desired, but no

other change can be made. No order for plants will be filled for less than \$1.00.

Selection of Varieties Must be Left to Us—We will, in all cases, send choice, popular varieties of plants that cannot fail to please. All plants are plainly labeled.

ar varieties of plants that cannot fail to please. All plants are plainly labeled.

For \$1.00 we will send any One Collection, postage paid; Six Collections for \$5.00, referred to the collection of \$10.00. Please order by NUMBER only.

—15 Varieties Ever-Blooming Roses.
—15 Choice Bouble Geraniums.
—15 Choice Geraniums.
—16 Choice Geraniums.
—17—12 Choice Hardy Phlox.
—18—15 Choice Greenhouse Plants.
—19—16 Choice Greenhouse Plants.
—19—16 Choice Greenhouse Plants.

3-15 Choice Single Geraniums. 4—8 Choice Sweet-Scented Geraniums.

5—12 Choice Heliotropes.

6—12 Choice Lantanas. 20—16 Choice Pansies. 21—20 Choice Verbenas.

22-8 Hardy Herbaceous Plants. 23-3 Bouvardias, 3 Lantanas, 3 Heliotropes, 3 Coleus, 24-2 Double Petunias, 2 D'ble Geraniums, 6 Single Ger'ms

25-2 Double Violets, 6 Pansies, 6 Monthly Carnations.

26-8 Verbenas, 8 Double Petunias. 27-2 Double Geraniums, 2 single Geraniums, 2 Single Petunias, 6 Verbenas.

13—10 Choice Blooming Begonias.
13—10 Choice Blooming Begonias.
14—6 Choice Hardy Vines.
28—6 Choice Hibiscus in variety.

NOTE—Sometimes when seeds and plants are ordered together, we send the seeds at once and the plants follow a day or so later.

50c. STAR BULB COLLECTION.

12-6 Choice foliage Begonias

-15 Choice Monthly Carnations.

We will send POSTPAID for only FIFTY CENTS
Three Choice Large Pearl Tuberose Bulbs.
Six Extra Fine Cladioli Bulbs. One Select Large Caladium Bulb. One Aplos Tuberosa.

A \$1.00 STAR BULB COLLECTION. ALL POSTPAID FOR ONLY ONE DOLLAR.

One Choice White Dahlia. Two Aplos Tuberosa. One Cinnamon Vine. Six Extra Fine Tuberoses. Ten Select Mixed Cladioli. One Fine Large Caladium.

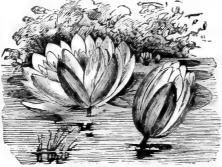
TUBEROSES.

One of the most delightfully fragrant and beautiful summer flowering bulbs. The flowers are waxy white, and the sweetest scented that grows. The growing plant is fond of light and heat; should not be planted outside before April 1. If planted in five or six inch pots and sunk in the ground late in autumn, they may be taken in doors for Howering

Tuberoses are grown and cured with the greatest possible care.

Tall Double-Free bloomers. (postpatd), each, 10c.; 3 for 25c.; doz., 75c. Double Dwarf Pearl—Flowers large size and very double. The favorite among

MAMMOTH BULBS (postpaid), each, 10c.; 3 for 25c.; doz., 80c.



NYMPHEA ODORATA.

SPECIAL PRICES TO LARGE BUYERS. ADIOI

These fine summer or fall flowering bulbs produce blooms which embrace every shade of These fine summer of fall flowering builds produce blooms which embrace every shade or color, and some of them are marvels of beauty. Great improvements have been made in this flower during the past few years. They are of the easiest culture and produce their brilliant spikes the first year. As soon in the spring as the ground is sufficiently warm and dry, make plantings at intervals of two weeks during the spring months, whereby a succession of bloom will be had. In the fall the bulbs can be taken up and stored over winter in any dry place.

PREPAYMENT—Lots of 12 or less go prepaid. Prices of larger lots do not include transportation charges. Mixed Gladioli.—The bulbs we offer are of the finest quality, and no better mixtures can be had where fine colors and distinct markings are desired.

	GI	ADI	OLUS	-All Colors.			
	PER 3.	DOZ.	50.		PER 3.	DOZ.	50.
Fine Mixed	. 10e,	100	75e	Extra Fine Mixed	12c.	35c.	\$1.10
	44 II . A. II)	ист.	11.5	enarate Colors			
Red, of various shades	10c.	250	8 75	Pink	15c.	50c.	1.40
white and Light, none dark	1.00	DUR.	1 501	Stringer and Varionated	150	Sthee	1 20
Yellow	1āc.	50e.	1.50	Salmon	15c.	60e.	1 50
				ss is distinguished by the			

Lemoine's Hypriaing of its flowers, which reaches its climax in the blotch, and is the typical and remarkable feature of this variety.

Fine Mixed Varieties, each, 6c.; 3 for 15c.; dozen, 60c

Extra Fine Mixed, each, 10c.; 3 for 25c.; dozen, 90c.

NEW SNOW WHITE GLADIOLUS—Undoubtedly the best White Gladiolus. Flowers are of fine shape, large in size, and of a pure white. A good grower. Bulbs strong, in many cases producing three spikes from each bulb. To get the largest flowers and spike, only one spike should be allowed to grow. Each, 20c.; 6 for \$1.00.

Named Gladiolus—We offer the following selection of choice named varieties at the low price of 10 cents each, or \$1.00 per dozen. Angele-Large, showy, white flowers.

Angele—large, showy, white flowers.

Charles Dickens—Delicate rose, tinted buff, flamed and striped carmine-rose.

Cleopatra—Soft like, shaded violet, purple blotched.

Cen. Sheridan—Fire-red, white lines and blotch.

Hesperide—Blotched, rosy-salmon on white.

Isaac Buchanan—Pure yellow. A beautiful flower.

John Bull—White, slightly tinged with sulphur.

Martha Washington—Light yellow, tinged rose.

Romulus—Brilliant dark red, pure white blotch.

Shakespeare—White, suffused carmine-rose, large rose blotch.

The for Fall Planting Dutch Hyacinths Tuling Lilies atc. Pleasus and

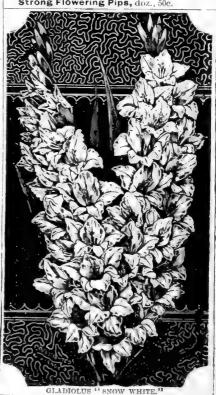
WHITE WATER LILY.

NYMPHEA ODORATA is universally admired on account of its large, fragrant white flowers. Per-fectly hardy, requiring no cultivation. Plantina pond, sluggish stream or tub. 18 inches to 2 feet deep, cover the root with about two inches of rich loam, swamp muck or leaf mould, and fill with water; store the tub in a cellar over winter to prevent freezing; turn off the water only be-fore removing to the cellar. Strong roots, pre-paid, each, 25c.; 5 for \$1.00.

LILY OF THE VALLEY.

No garden is complete without a few clumps of these fragrant flowers which are such universal favorites as to need no description.

Strong Flowering Pips, doz., 50c



Bulbs for Fall Planting, Dutch Hyacinths, Tulips, Lilies, etc. Please send now for Catalogue of Fall Bulbs, ready Sept. 1. Matled Free

PLANT BED CLOTH.

A protecting cloth of Water-proof Fibre; an excellent substitute for glass forwarding all kinds of plants in



early spring; safer, as it protects at night, and the plants will not burn if the sash is left on as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent into sections where it would be difficult to get sash. We sell thousands of yards of this cloth annually, and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.

PRICES—Heavy grade, per yard, 12e.; by the piece, per yard, 10e. Medium grade (best for general purposes), per yard, 10e.; by the piece, per yard, 8e. Light grade, per yard, 5e.; by the puece, per yard, 4e.

MAIL PRICES—Customers at a distance who wish to try a few yards can have it sent by mail, postpaid, as follows: Light, sc. per yard. Medium, 15c. per yard. Heavy, 21c. per yard. Samples mailed free on application.

FERTILIZERS, ETC.

As there is now very strong competition in Fertilizers, we prefer to make a special price to parties wanting it in ton or car load lots.

PURE GROUND BONE-A first-class article and an excellent fertilizer for grass land, wheat, etc., but does not give as quick results as phosphates. 5 lbs., 30c.; 10 lbs.; 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bbl of 250 lbs., \$5.00; 4 bbls. for \$18.00.

PURE DISSOLVED BONE PHOSPHATE—Stands without a rival as the largest erop producer at the smallest outlay. Bag of 200 lbs., \$3.50; five bags or over, per bag, \$3.00.

OUR LAWN FERTILIZER-See Lawn Seed Department, page 57.

NITRATE OF SODA—For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. As the market fluctuates, these prices are liable to change without notice. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25; 200 lbs., \$8.00.

LAND PLASTER, or GYPSUM-Excellent to mix with Paris Green at the rate of 100 lbs, of plaster to 1 lb. of Paris Green. 40 lbs., 50c.; 100 lbs., \$1.00; bbl. of about 350 lbs., \$2.50.

CRUSHED OYSTER SHELLS—Manufactured from good clean she All poultrymen use it. 25 lbs.; 50c.; 100 lbs., \$1.50; bbl., 325 lbs., \$3.25.

COARSE GROUND BONE-About the size of wheat or eracked corn, and should be kept within access of poultry. 25 lbs., \$1.00; 100 lbs., \$2.50; 200 lbs., \$4.75.

BOWKER'S PLANT FOOD (for House Plants)—Perfectly and clean and clean. package contains a pamphlet on the treatment of house plants, with directions for applying the fertilizer. By express, per package, 25e.; per dozen, \$2.50. By mail, postpaid, box. 40c.

INSECTICIDES, FUNGICIDES, ETC. SLUG SHOT.



Non-poisonous; no danger need be appre-

hended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quanti-ties. It does not render injurious the vegeta-bles and fruits on which it as applied, and yet it is probably the best insect destroy er ever offered for the

TRADE MARK. destruction of potato bugs and all worms and insects. It comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plants. on so that it reaches all parts of the plants. For further information send for "Fighting Insects in the Garden." Sent free. Our sales of Slug Shot double annually.

PRICES—Barrels, holding 235 lbs. net, 4c. per lb.; 100 lbs., \$4.25; 50 lbs. \$2.25; 10 lbs., 50c.; 5 lbs., 30c. By mail, postpaid, lb., 30c.; 3½ lbs., \$1.00. Tin canisters containing ½ lb., with perforated top that unscrews, so it can be filled again, 25c. each; by mail, 45c. each.

Dusters for Slug Shot or other Powders-1/2 gal. size, 30c.; gal., 50c.

Bellows for Slug Shot or other Powders-Medium size, \$1.25; large, \$2.00.

HAMMOND'S GRAPE DUST-For the prevention and destruction of mildew on plants. Prices—5 lb. package, 35c.; kegs of 100 lbs., \$5.00. By mail; postpaid, 30c. per lb.

TOBACCO DUST—Very effective; much used on Cabbage. Lb. mail, 30c.). By express, 10 lbs. 50c.; 25 lbs., \$1.00; i00 lbs., \$3.25.

PARIS GREEN-1/4 lb., 15c.; 1/2 lb., 20c.; lb., 35c. By mail, 15c. lb. extra. TOBACCO STEMS-For fumigating plants infested with green fly, etc. Per lb., 15e.; bbl., \$1.00.

TOBACCO AND SULPHUR—Destroys Rose Bugs, Lice, Cut Worms, Cabbage Lice and Parasites of all descriptions. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines. Mix thoroughly with earth in pots, or in the hill, one part powder to five parts earth. Easy to apply, and will not burn or injure the plants. Makes dark green foliage and healthy, vigorous growth. Valuable for hot-houses, nurseries, etc. No weed seeds in it. Earthworms will not live where it is used. Trial package, ½ lb., 25c.; 2 lbs., 75c., by mail. prepaid.

W. S. POWELL & Co., the well-known Fertilizer manufacturers, having given us the agency for the Fungicides and Insecticides manufac-tured by themselves, we offer the following at their prices:

GUICIDE POWDER—For Potato Blight, Potato Rot, Grape Vine Flea Beetle, Potato Bugs, Pear and Cherry Slugs, Codling Moths, Cureuljo and Strawberry Crown Borers. Can be used either dry or in solution. 25 pound box, §1.50.

COPPERDINE-For Black Rot, Downy Mildew and Anthracnose of the irape, Pear Leaf Blight, Pear Scab, Apple Scab and Powdery Mildew One Gallon Cans (making 100 gals, wash), \$1.50.

BORDEAUX MIXTURE—For Black Rot. Downy Mildew and Anthracnose of Grapes, Potato Blight, Potato Rot. Leaf Blight of Cherry, Pear, Quince, and other Fungus diseases. 20 lb. package (50 gals. wash), \$1.00.

KEROSENE EMULSION-For Plant Lice of any kind, Cabbage Worms Scale Insects on Apple, Pear, Orange, Lemon, and other trees. 5 gallon buckets (makes 75 gals, wash), \$1.25,

QUASSAINE-This is a concentrated Fluid Extract Quassia, held in sus pension by Whale Oil Soap—a cheap and reliable non-poisonous Insecticide for Hop Lice, Aphis, and all scale Insects; nothing better for Rose Bushes and House Plants. Quart Cans (50 gals. wash), \$1.00; 2 Gallon Cans (200 gals. wash), \$2.50.

CARBOLIZED SOAP—For Peach, Apple and other tree borers, also for washing trees to prevent attacks of animals or vermin. 1 Gallon Can, (makes 12 gals, paint), \$1.00.

SULPHO-STEATITE POWDER-For Lettuce Mildew, Powdery and Downy Mildew of the Grape. Rose Mildew and other Fungus Diseases affecting plants under glass. 25 lb. box (used as a dust); \$2.00. plants under glass.

PYRETHRUM, or PERSIAN INSECT POWDER-Very destructive to all kinds of insects, such as roaches, ants, fleas, and other insects on plants and animals. A very little will do the desired work. Oz., 10c.; 1/4 lb., and animals. A very little will do t 20e.; lb., 50e. By mail, 15e. lb. extra.

WHALE OIL SOAP-Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Lb., 15c. (by mail, 30c.). By express, 2 lbs., 25c.; 5 lbs., 50c.; 10 lbs., 90c.

WHITE HELLEBORE—For destroying rose slugs and current worms. 1. lb., 15e.; lb., 40c. By mail, 15c. lb. extra.

DOG SOAPS-Either Spratt's or Glover's, cake, 25c. (by mail, 30c.) MEDICINE AND FOOD FOR DGGS, BIRDS, ETC.-Write for what you want

SPRAYING OUTFITS.



HOWE SPRAYING MACHINE-One of the best machines on the market to-day for the money. It is a very strong and durable force pump with nickel-plated brass cylinder 3½ inches in diameter, attached to a strong 30 gallon cask mounted on n light two wheeled carriage. Nicely balanced; one person can wheel and handle it.

...\$15 00

with 5 foot discharge hose, one nozzle with spray and fire tips ..

EXCELSIOR KNAPSACK SPRAYER-Just the thing for gardeners and fruit growers for spraying Cabbage, Vines, Plants, etc., for bugs 12 00

GARFIELD KNAPSACK SPRAYER—Made entirely of brass and copper, copper tank holds (.ve gallons, has brass pipe 15 inches long and Combination Vemorel nozzle attached...

... 12 00

for Circulars.

LEWIS COMBINATION FORCE PUMP—A Spraying Pump, Agricultural and Veterinary Syringe all combined. Works perfectly. *Only* \$5.00.

SYRINGES—BRASS GREENHOUSE AND GARDEN SYRINGES (See cut on page 80)—Useful for all horticultural purposes, and are fitted with caps or roses, for ejecting water in one stream or dispersing it in the most gentle manner, or with great force. when required. Specially adapted for cleansing plants and flowers from those destructive insects which are so injurious to them, by means of whale oil soap, tobacco juice, etc. Strongly made from the best quality of brass, finely polished, elegant appearance, not liable to dent or in-jury, and if properly cared for will last a lifetime.

Letter	A—One stream and one spray rose	
Letter	(unponsned) 1	75
Letter	B— " " 2	56
Letter	C- " " 3	25
Letter	G-(New Sample)-A cheap syringe with Angle Joint, which	
	will do the work of a more expensive syringe. Open rose syringe, barrel 16 in. by 1½ in. diameter. One spray and one stream rose, side attachment and fixed elbow joint. The fixed elbow joint can be detached from the end of the barrel at will, and the syringe used in the	
Letter	ordinary way	50
	fills quick, discharges perfectly 2	00

THE HYDROSPRAYER—FOR USE IN THE ORCHARD, GREENHOUSE AND GARDEN—A plain brass syringe; the barrel is 15x124 inches, with a stroke of 14 inches, and wall-hold a pint at a filling. The spray nozzle contains about 100 holes—three times the numing. The spray nozzle contains about 100 noies—three times the number in an ordinary syringe. It will reach every portion of a tree within 25 feet. Armed with one of these, a few pounds of Bordeaux Mixture and some Paris Green, a fruit grower is prepared to meet the enemies that threaten him. Price, \$5.90. Cyclone Nozzle \$1.00 extra.



NEW MODEL LAWN MOWER.



EUREKA FUMIGATOR

PERFECTION SPRINKLES

SOLID SHANK GARDEN TROWEL NEW MODEL AND RIVAL LAWN MOWERS. THE BEST MOWERS MADE.

For Simplicity, Durability and Quality of Work, they are unqualled. For Lightness of Draft they excel by a large percent-

equalled. For Lightness of Draft they excel by a large percentage any other Mowers. SEND FOR CHRCULARS AND PRICE LIST.

PRUNING SHEARS. THE BEST MADE. Very Strong. Best Steel Blades and an excellent spring. Two sizes. Price, \$1.00, and \$1.25.

GARDEN DIBBLE. Postpaid, 50c, each. By Express, 35c, each, 6 for \$2.00.

HAZELTINE'S HAND WEEDER. In general use over the steel, tempered, seven-eighths inch wide and one-eighth inch thick, sharpened on all edges. Postpaid 30c. By Express, 20c.

LANG'S WEEDER. gives perfect use of the hand for pulling weeds and thinning out plants without laying down the tool. This is the best Weeder we have ever had in our garden, and we never sold

ing weeds and thinning out plants without laying down the tool. This is the best Weeder we have ever had in our garden, and we never sold a tool that gave better satisfaction. Postpaid, 25c. By Express, 20c.

EXCELSIOR WEEDER. A very useful tool for weeding seed beds, stirring soil in hotbeds, cold frames, etc. By Mail, postpaid, 25c. By Express, 15c.

THE BEE WEEDER. For the care of Onions, Beets and House Plants, by means of which all grass and weeds can be easily removed. Universally commended by all. Postpaid, 15c., 2 for 25c.

PERFECTION SPRINKLER. This is a Most Excellent Spray may be forced in any direction with these side nozzle bulbs. Also made with straight nozzle as in Scollay's Sprayer. Both sizes in Black or White Rubber—either style for same price. No. 1—75c.; postpaid, 85c. No. 2—\$1.00; postpaid, \$1.10.

Nickel plated perfora-

SCOLLAY'S RUBBER HAND SPRINKLER. See top: excellent for spraying seedlings and bouquets, or for sprinkling clothes. Small, holds 1/2 pint, 65c. Medium, holds 1/2 pint, 80c. Large, holds 1 pint, holds ½ pint, 65c. Medium, 1 \$1.00. Postage 10c. each extra.



For House 10 x 20 feet. \$1.25 | For House 15 x 100 feet. \$2.50 | For House 12 x 40 feet. 2.00 | For House 20 x 100 feet. 3.50

For House 12 x 40 feet. 2.00 | For House 20 x 100 feet. 3.50 |
BELLOWS. For dusting plants with sulphur or like material.
Two sizes. Each, \$1.00 and \$1.25.

POWDER GUN. For applying powder on plants. 2 oz. size, 25c. Postpaid for 5c. extra. Solid Shank. Best Made. 6-inch, 40c.; postpaid, 50c. 7-in. 50c.; postpaid, 65c. THERMOMETERS. 8-in., 20c. 10-in., 25c. 12-in., 30c. WOTHERSPOON WATERING POTS. 80 Better Made. 2 gal., \$2.25. SCOLLAY'S RUBBER PUTTY BULB. For glazing hot-bed and green putty. One of the best labor-saving articles ever invented. Never a

putty. One of the best labor-saving articles ever invented. Never a complaint. Price, \$1.00; postpaid, \$1.10.

HYDRONETTE PUMP. The Hydronette is invaluable for sprinkling flowers, watering lawns, washing windows, carriages, etc., and extinguishing fires. Very durable and can not easily get out of order. Has sprinkler and rubber hose attached. Destroys worms on grape vines, tobacco plants and potato vines. Commends itself to every farmer and householder. Throws a spray 20 feet or a stream 30 feet. Price, \$5.00.

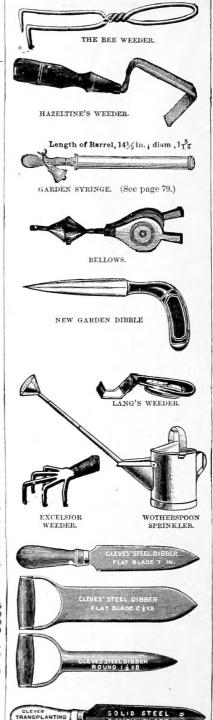
CLEVES' GARDEN TROWELS AND DIBBERS.

STEEL ANGLE TROWEL. STEEL DIRRERS No. 1, Flat Blade 10x4 inches. \$1.25 No. 2, Flat Blade 9x2½ " 1.00 No. 3, Round " 8x1½ " .80 No. 4, Flat Blade 7x1½ " .50 No. 1, 8-in., (temper'd and pol-

MISCELLANEOUS TOOLS At prices given goods go by express at buyer's expense.

HALE'S MOLE TRAP-The best trap made-\$2.00. GARDEN LINES-100 feet Braided Linen, 40e. Cotton, 25e. REEL—For Garden Lines. Small, 75c. Large, 85c. HOES (Scuffles)—5-inch, 55c. 6-inch, 60c. 7-inch, 60 Iandles 15c extra. GRASS HOOKS—30c.

Handles 15c extra. EAGLE PRUNING SHEARS—The well-known two-handle Shears Light and powerful. Without doubt the best made. No. 1, \$2.50. No. 2, \$2.25.





SCOLLAYS

E ... PUTTY BULB

SCOLLAY'S

KNIVES-BUDDING-75c. to \$1.25. PRUNING-\$1.00 to \$1.40. HEDGE SHEARS-Three sizes: \$1.50, \$1.75 and \$2.00.

TELEGRAPH TREE PRUNER-No handle, but has threads on the inside of the socket and can be screwed to the end of a pole of any length. \$1.50.

PRUNING SAW—Double edge. 16-in., 60c. 18-in., 70c. 0-in., 80c. PRUNING SAW AND CHISEL—Combined—\$1.00. 20-in., 80c.

TURF EDGERS—For trimming edges of walks—75c.
THISTLE OR WEED CUTTERS—For cutting thistles, docks,
or other weeds out of lawns, etc., without breaking the surface of the lawn. 50c.

